

BIVALVIA OF THE DEEP ATLANTIC

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ABSTRACT

This paper lists the species and the distribution of the bivalves collected from the deep-sea expeditions undertaken by American, British and French research vessels in the Atlantic over a period of twelve years. Samples were taken from eleven basins, and the analysis is restricted to samples taken with the epibenthic sled from depths ranging from 500 m to 5,000+ m. A preliminary analysis is made of the changing distribution with depth and discussion as to why some genera and families are either restricted to or are more dominant in the deep sea as compared with those found at shelf-sea depths. It provides a baseline of information against which future deep-sea sampling can be compared.

Key words: deep sea, Bivalvia, Atlantic.

INTRODUCTION

During the years 1962 and 1974, various expeditions made by American, British and French scientists sampled the benthos of all but one of the major deep-sea basins of the Atlantic Ocean (Fig. 1). The exception was the Norwegian Basin, which was later investigated by Bouchet & Warén (1979). These expeditions sampled at depths ranging from the shelf/slope break to the the greatest abyssal depth. They used a variety of sampling gear and having sorted the contents into the various phyla they distributed these to various experts.

In the case of the bivalves, these were examined for the most part by the late H. L. Sanders who led the American expeditions and by J. A. Allen. After sorting to species, work first concentrated on the distribution and functional morphology of species of the Protobranchia, which are dominant in the deeper samples. This work was recorded in the series of papers cited below and culminated in an account of the zoogeography, diversity and origin of the deep-sea protobranch species of the Atlantic (Allen & Sanders, 1996b). Since then, attention has focused on the lamellibranch bivalves and, although there are a number of species that remain to be described (including protobranchs), an account of the Bivalvia as a whole can now be made.

As in the earlier paper (Allen & Sanders, 1996b), analysis is restricted to those samples

taken by the epibenthic sledge (Hessler & Sanders, 1967). This is because these samples, by far, provide a sufficient number of specimens/haul to make meaningful conclusions as to dominance and distribution of species ocean wide.

Information as to the species contained in the epibenthic sledge samples are listed in the Appendices 1–3 and in descriptive accounts of individual species in various papers stemming from the total collections (Allen, 1998, 2000a, b, 2001, 2004, in press; Allen & Hannah, 1989; Allen & Morgan, 1981; Allen & Sanders, 1966, 1969, 1973, 1982, 1996a & b; Allen et al., 1995; Allen & Turner, 1974; Oliver & Allen, 1980a, b; Payne & Allen, 1991; Rhind & Allen, 1992; Sanders & Allen, 1973, 1977, 1985; Schein, 1989).

COMPOSITION OF THE DEEP-SEA BIVALVE FAUNA OF THE ATLANTIC

The distinction of bivalve families and sub-families changes with time and authority, but the most recent count indicates that of 108 living marine bivalve families some 87 families are present in the Atlantic. On the present data, between the shelf edge (200 m) and 500 m 79 families are recorded. In the next 500 m there is a sharp drop in the number to 37 families present and thereafter a slow diminution in number with 28 recorded at 3,500 m and then a sharper drop to 14 at 5,000 m (Fig. 2).

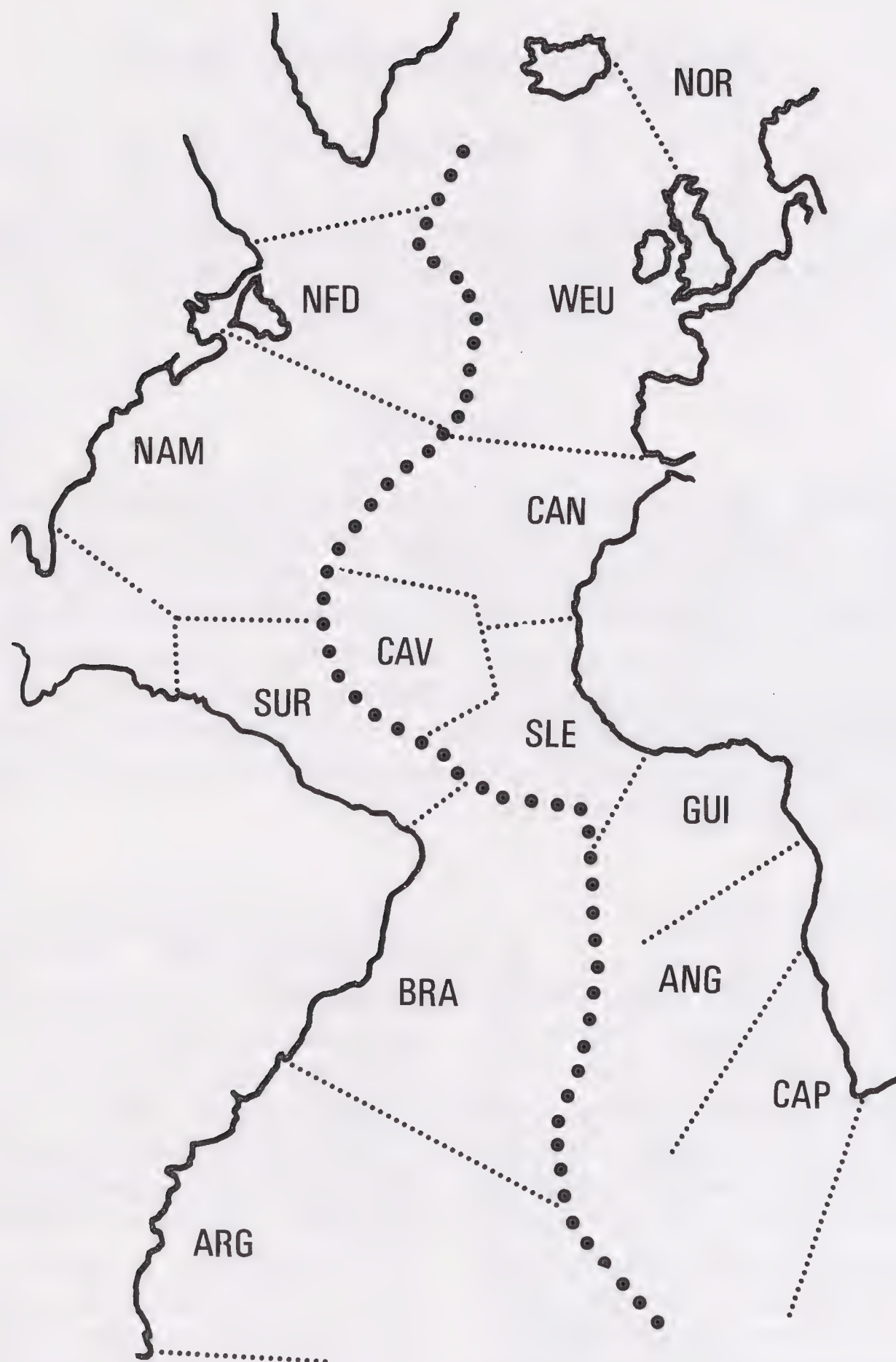


FIG. 1. The deep-sea basins of the Atlantic. ANG – Angola; ARG – Argentina; BRA – Brazil; CAN – Canaries; CAP – Cape; CAV – Cape Verde; GUI – Guinea; NAM – North America; NFD – Newfoundland; NOR – Norwegian; SLE – Sierra Leone; SUR – Surinam; WEU – West European.

When the species composition of the families in the deep-sea (500–5000 m) (not including the *insertae cedis*) is analysed, of the 456 species and subspecies recorded, 133 (29%) are protobranchs and 323 (71%) are lamelli-branchs (Appendix 1). The percentage of proto-branch species increases with increasing depth from an average of 21.7% at 500 m to 57.3% at 4500+ m. These figures contrast with inter-tidal and shelf species, which in the case of Britain, 15 (6%) are protobranchs and 236 (94%) are lamelli-branchs.

The lamelli-branchs of the deep Atlantic are restricted to relatively few families with four –

Pectinidae, Thyasiridae, Cuspidariidae, Verticordiidae – representing the overwhelming majority of species (Table 1). Many of the other families are restricted in the sense that only one or two genera of an otherwise common shallow-water lamelli-branch family may be present in the deep sea, for example, *Dacrydium* (Mytilidae) and *Abra* (Scrobicularidae). Similarly, of the protobranch families, two (Nuculanidae, Yoldiidae) dominate in terms of number of species, with species of two genera (*Ledella*, *Yoldiella*) dominating (Table 1).

The geological records of these families are predominantly early, with ten from the Palaeo-

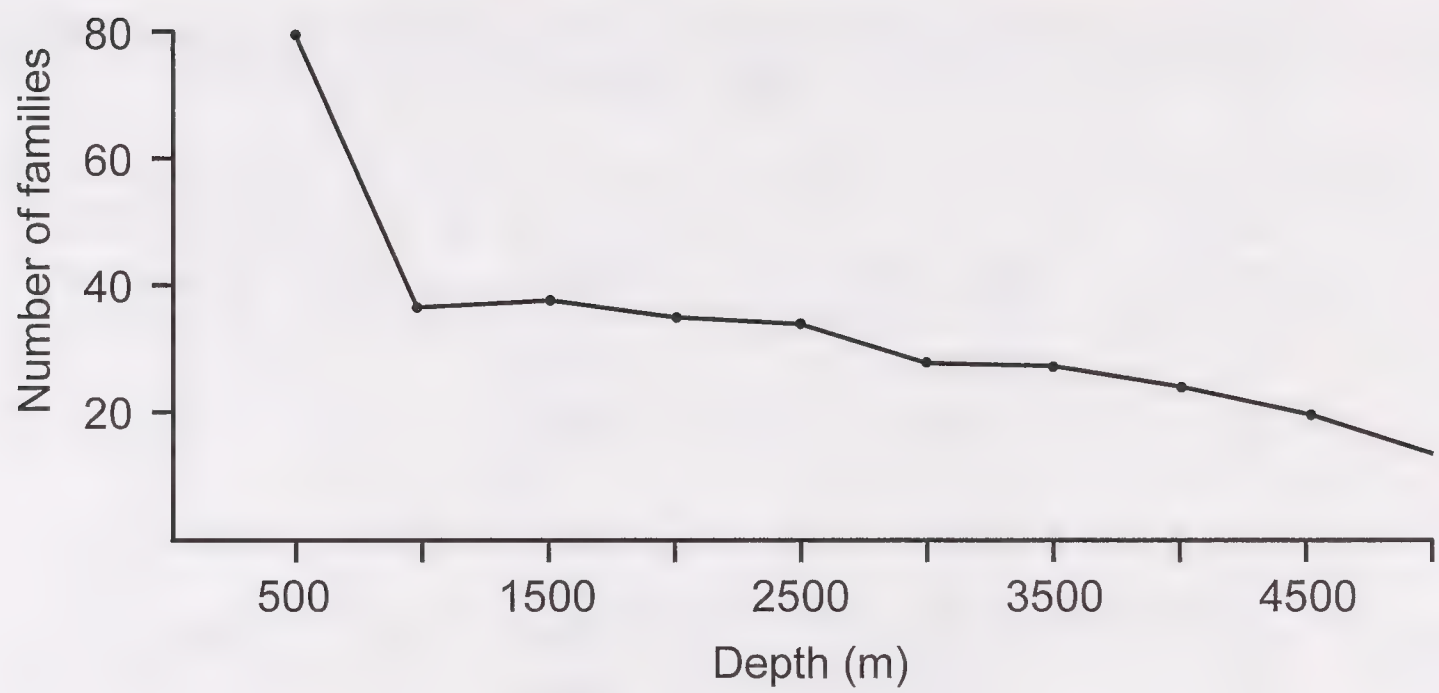


FIG. 2. Numbers of bivalve families found in the Atlantic at different depths. This is based on the present studies.

TABLE 1. The bivalve families represented at depths between 500–5,000 m in the Atlantic, the number of species recorded for each family and the earliest geological record of the family as given in Newell (1969).

Protobranchia	No. of Species	Earliest Geological Record	Lamellibranchia	No. of Species	Earliest Geological Record
Solemyidae	7	Ordovician	Arcidae	5	Triassic
Nucinellidae	1	Permian	Limopsidae	10	Triassic
Pristiglomidae	7	Recent	Anomiidae	1	Cretaceous
Nuculidae	13	Ordovician	Mytilidae	13	Devonian
Tindaridae	5	Pliocene	Pectinidae	38	Triassic
Neilonellidae	9	Cretaceous	Propeamussidae	7	Permian
Lametilidae	3	Recent	Limidae	12	Carboniferous
Nuculanidae	28	Devonian	Ostreidae	1	Triassic
Yoldiidae	37	Cretaceous	Lucinidae	3	Silurian
Phaseolidae	4	Recent	Thyasiridae	79	Triassic
Siliculidae	3	Pliocene	Montacutidae	12	Eocene
Malletiidae	10	Ordovician	Neoleptonidae	1	Pliocene
			Carditidae	3	Devonian
			Cardiidae	4	Triassic
			Mactridae	1	Cretaceous
			Scrobicularidae	8	Cretaceous
			Astartidae	6	Devonian
			Kelliellidae	12	Eocene
			Vesicomyidae	?	Miocene
			Veneridae	2	Cretaceous
			Hiatellidae	2	Jurassic
			Xylophagidae	1	Cretaceous
			Teredinidae	1	Paleocene
			Pholadomyidae	2	Triassic
			Lyonsiidae	1	Eocene
			Thraciidae	10	Jurassic
			Periplomatidae	1	Cretaceous
			Poromyidae	6	Cretaceous
			Cuspidariidae	54	Cretaceous
			Verticordiidae	27	Paleocene

TABLE 2. The number of species, living specimens, and endemism of bivalves taken between 1962 and 1974 using the epibenthic sled from the deep-sea basins of the Atlantic.

Basin	No. of Stations	No. of Spp.	No. of Spp. & Subsp.	No. of Endemic Spp. & Subsp.	% Endemic
North America	49	52,491	193+4	57	28.9
Surinam	15	11,815	129+3	32	24.2
Brazil	7	1,152	49	8	16.3
Argentina	16	14,856	116+3	39+1	33.6
Cape Verde	3	299	9+1	1	11.1
West European	112	81,493	203+8	70+3	34.6
Canaries	9	699	49+2	6	11.7
Sierra Leone	11	2,433	67+3	2	2.9
Guinea	12	379	37+1	2	5.3
Angola	21	10,141	123+4	35	27.6
Cape	27	28,832	43+3	2	

zoic, 20 from the Mesozoic, and 12 from the Cenozoic. Of these the geological history of the protobranchs is particularly interesting in that of the 12 families five are from the Mesozoic (three Recent), two from the Cenozoic, and five are from the Paleozoic (3 Ordovician) reflecting both the antiquity of the subclass and the recent evolutionary expansion of species in the deep-sea (Allen & Sanders, 1996b) (Table 1).

In general, the greater the number of samples taken in a particular basin the more species are recorded, with the number of rarer species increasing. Thus, in the case of the West European Basin, the most sampled basin with 112 epibenthic trawl samples taken, some 203 species were recorded, while in the case of the North America Basin the next most sampled (49), 193 species were recorded. The

plots from the North America and West European basins would indicate that, subject to the sampling efficiency of the epibenthic sled, at least 15 samples are required at any particular 500 m depth interval to record the number of species present with any degree of accuracy. Taking into account the sampling intensity, analysis suggests that approximately 30% of the species present are endemic to any basin (Table 2, Appendix 1).

As would be expected, when the number of species at each station is plotted against the total number of specimens present, the number of species increases with increasing numbers of specimens (Fig. 3). However, the maximum number of species present peaks when more than 100 specimens are present in the sample (Fig. 3). In samples containing

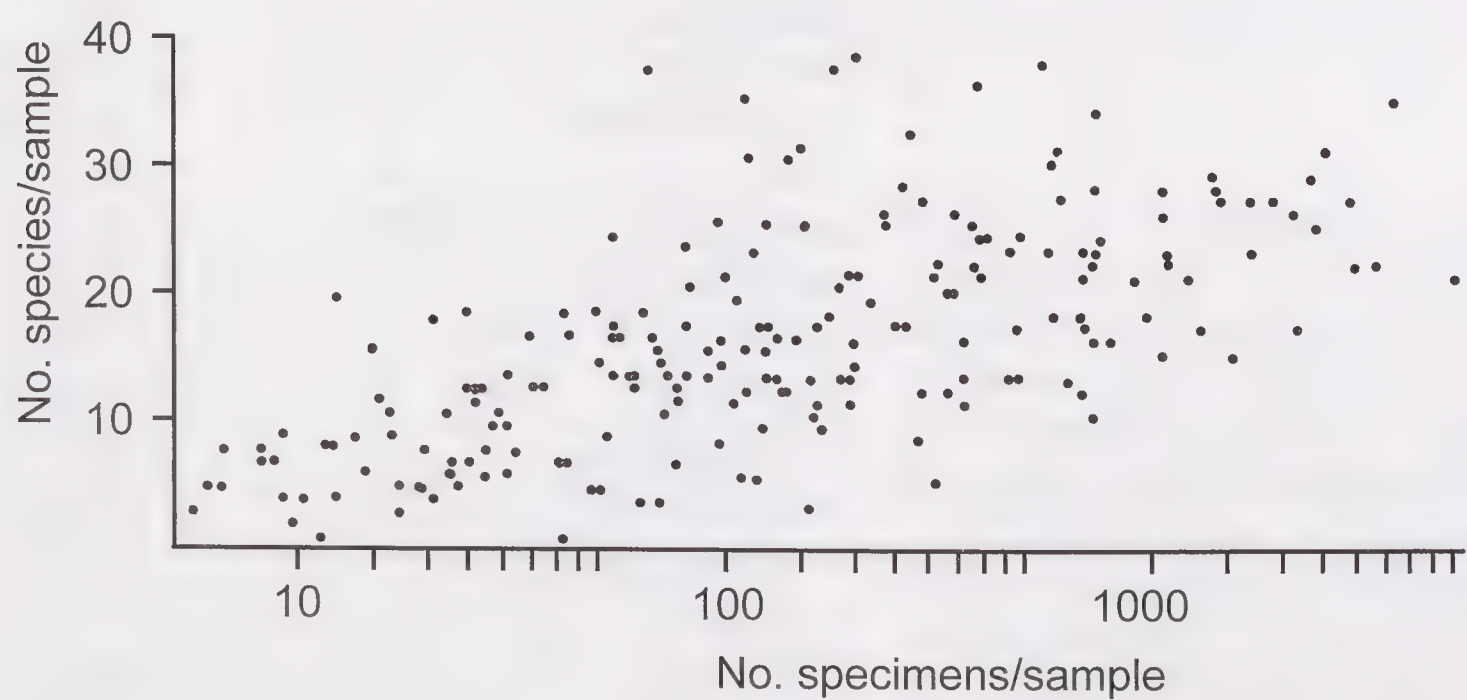


FIG. 3. The number of species present in each epibenthic sledge sample taken from the Atlantic basins compared with the number of specimens in each sample.

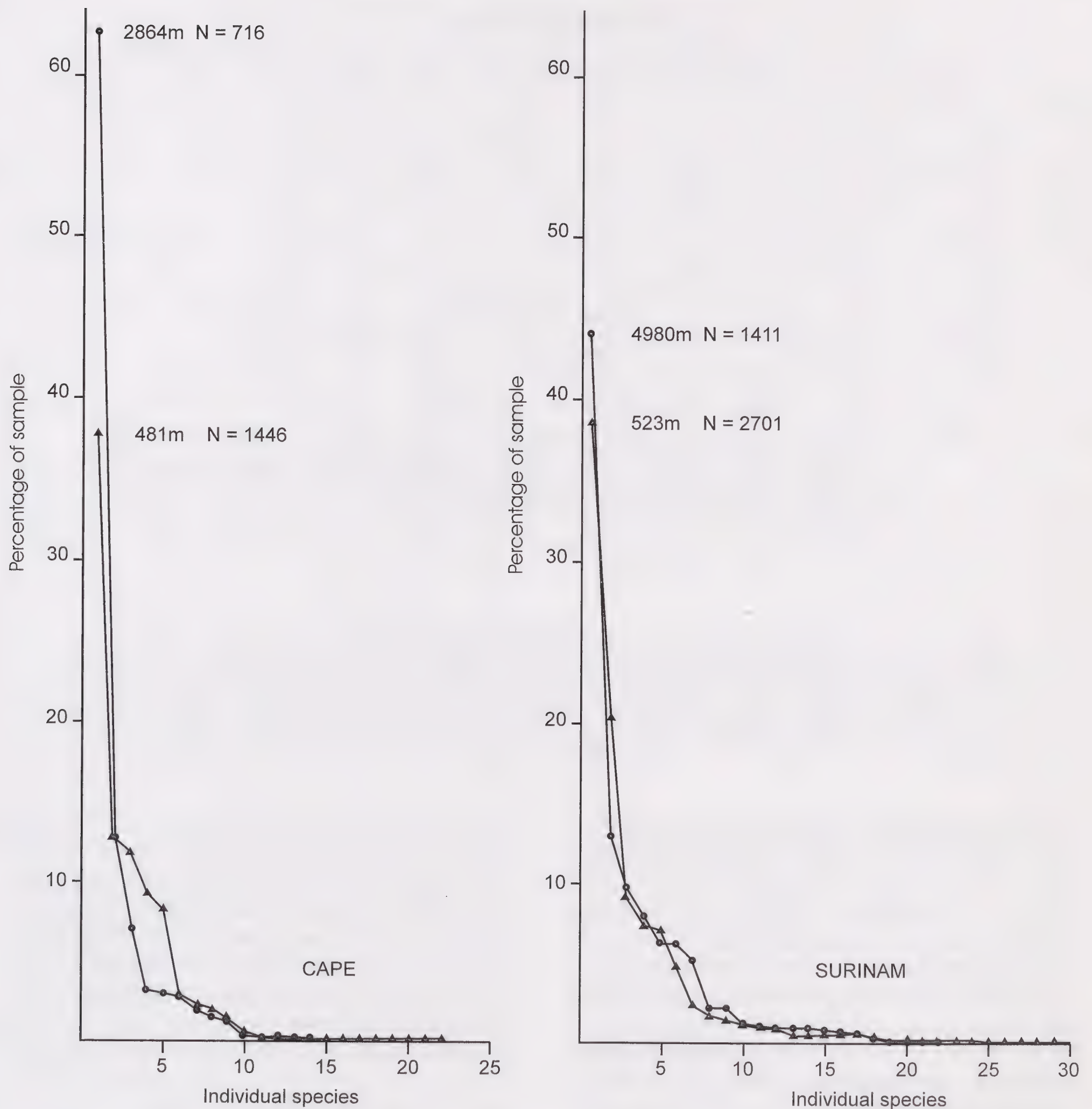


FIG. 4. Examples of plots of individual species against descending percentage occurrence in individual samples at upper slope and abyssal depths in different deep-sea basins.

100+ specimens although the minimum the number of species present increases from < 10, the maximum number is rarely more than 35. In only one sample containing more than 9,000 specimens were 43 species recorded (Fig. 3). This pattern of occurrence is true for all the basins sampled.

Analysis of individual samples with more than 100 specimens shows that there is a pattern in which five species dominate each sample with the remainder having rapidly diminishing percentage representation. This pattern which is seen in all samples in all basins of the Atlan-

tic at all depths (Figs. 4, 5). Typical examples are shown in Fig. 4, in which upper slope and abyssal samples are compared in basins from opposite sides of the mid-Atlantic ridge and from north and south of the equator. Taking all basins into consideration the extreme limits of percentage occurrence of the first dominant species lies between 11.8% and 95.7% of a sample. Taking all samples containing > 100 specimens, the average percentage occurrences of first five dominants in descending dominance are 44.9%, 16.1%, 10.6%, 7.1% and 3.7% respectively, that is, representing an

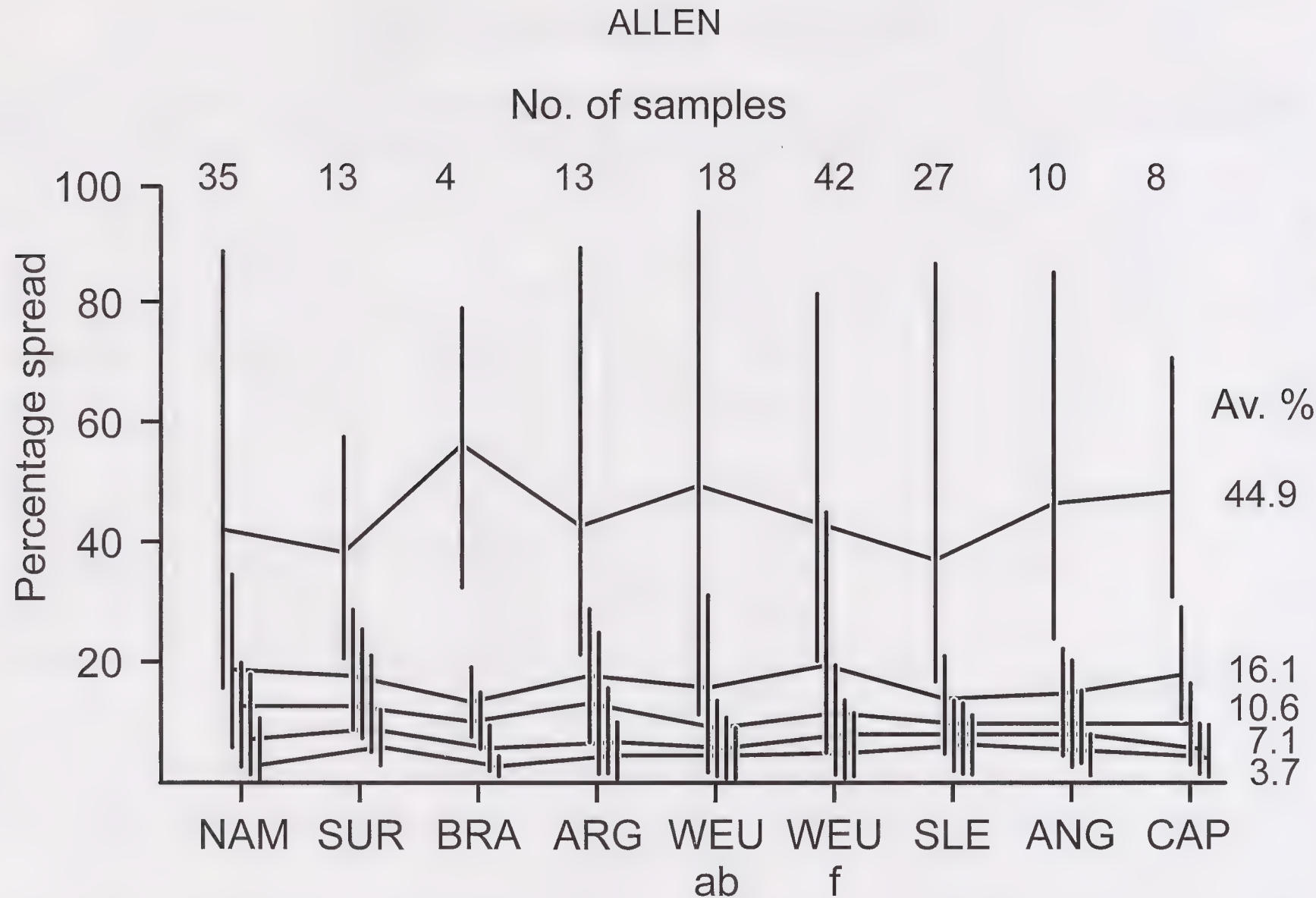


FIG. 5. The percentage spread of the first five dominant species in samples containing 100+ specimens in individual Atlantic basins at 500-meter intervals in depths ranging from 500 to 5,000 meters. NAM – North America, SUR – Surinam, BRA – Brazil, ARG – Argentina, WEUab – West European (American and British samples), WEUf – West European (French samples), SLE – Sierra Leone, ANG – Angola, CAP – Cape.

average of 76.4% of the specimens present in a sample. It is also typical that the percentage decline in the second to fourth dominants is less steep than that between the first and second dominants and the fourth and fifth (Fig. 4). The averages of the first five dominants is also remarkably constant for all the basins of the Atlantic (Fig. 5), nor does the degree of dominance relate to depth. High percentage dominance can be observed in samples at 500 m as well as at 4,500 m (Fig. 4). What does vary with depth are the particular species that comprise the dominants.

Of the 456 species listed only 57 are first dominants and 122 are first, second or third dominants (Appendices 1, 2) at some depth within their individual depth range. Of the first dominants, 33 are protobranchs and 24 are lamellibranchs, and of the first three dominants 62 are protobranchs and 60 lamellibranchs of which latter one third are thyasirids. Of the common families in the deep sea, the Cuspidariidae are least represented among the dominant species despite their ubiquity. Individual depth ranges of the dominants varies but, summing all basins (i.e., a species may be a dominant in more than one basin and may have a different depth range in each), 72% dominants have depth ranges of less than

1,500 m and 82% have ranges of less than 2,000 m. (Note, these percentages include 15% that occur at one station only.) Less than 9% of the dominants have depth ranges of 3,000+ m, and these comprise ten species, of which four are protobranchs, four are thyasirids and one kelliellid and one cuspidariid.

Of the 11 basins sampled, no one species was recorded in all (Table 3). However, in the case

TABLE 3. The number of species and subspecies present in one and present in two or more of eleven Atlantic basins.

No. of Basins	No. of Species
1	247
2	67
3	53
4	23
5	25
6	12
7	18
8	7
9	3
10	1
11	0

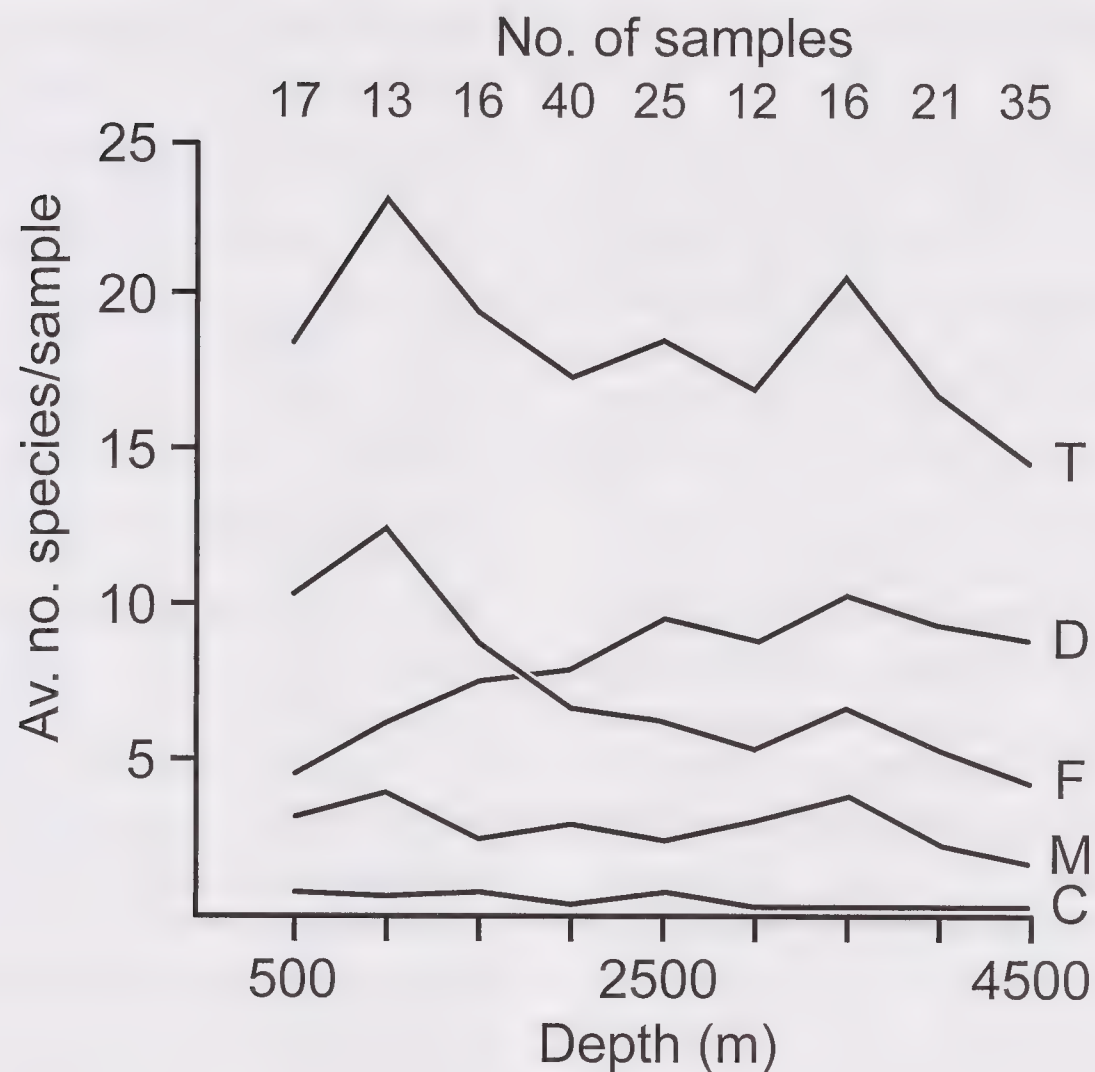


FIG. 6. The average number of species in samples with 100+ specimens taken from all the deep-sea basins of the Atlantic in 500-meter intervals between depths of 500 to 4,500 meters (T). Below these are further divided into the various feeding types. C: commensal; D: deposit; F: filter; M: macrofeeders.

of some of the basins, particularly the Cape Verde and Brazil, few samples were taken. It seems likely that widely distributed species recorded in a least seven basins, that is, the greater part of the deep Atlantic, occur throughout the ocean. Taking this as the base line, 28 species were recorded in seven or more basins, and of these all but six dominated in one or more basins. The most common dominant, *Ledella ultima*, was recorded in 10 of the 11 basins sampled and was recorded as a first dominant in five basins and second dominant in a further two basins at abyssal depths ranging from 3,828 m to 5,280 m (Appendices 1–2).

Of 65 species that occur in just two basins, 52% occur in north/south adjacent basins on one or other side of the mid-Atlantic ridge. In contrast, only 23% occur in east/west adjacent basins that are separated by the mid-Atlantic ridge, for example, North America-West European and Argentine-Angola/Cape. The remaining 25% occur distant from each other but show no predominance to one side of the mid-Atlantic ridge or the other and not one is a dominant species. This latter probably relates to rarity and to degree of sampling effort.

Analysis of dominance at 500-m intervals between 500 m and 4,000+ m. confirms the general increase in the percentage of

protobranch species with increasing depth and the much higher percentage of dominant protobranch species as compared with lamelibranchs at all depth intervals. The increase in the number and species of protobranchs with increasing depth is a reflection of the increase in deposit feeding species with depth and, of which, protobranchs are by far the major proportion (Fig. 6).

The species can be divided into four main feeding categories, namely deposit, filter, macrofeeders, and commensals (which may be filter or macrofeeders) (Fig. 6). The average number of species in each category for samples containing 100+ specimens within 500 m depth intervals between 500 m to 4,500 m shows that suspension feeders decrease with increasing depths below 1,000 m. In contrast, there is an increase in deposit feeders down to a depth of 2,500 m and thereafter a levelling off of species numbers. Macrofeeders are a small but persistent group at all depths with a slight diminution in numbers as depth increases. Commensal species are few in number but do occur at all depths. It is likely that these latter are underestimated simply because many remain with their non-molluscan hosts and await discovery by experts dealing with the host species.

DISCUSSION

Species richness and biodiversity in the deep sea have been the subjects of a number of papers in recent years, for example, Allen & Sanders (1996b), Levin et al. (2001), Snelgrove & Smith (2002), Stuart et al. (2003), and Rex et al. (2005), and information to support these works has stemmed in part from the bivalve data presented here. This said, it is not the purpose of the present paper to further discuss diversity, more it is the presentation of basic information from wide ranging international sampling programmes of an ocean that are unlikely to be repeated in the foreseeable future. The majority of the bivalve samples are stored in the Muséum National d'Histoire Naturelle, Paris, and the Museum of Comparative Zoology, Harvard University, Cambridge.

The main environmental factors that control the occurrence and evolution of the bivalves in the deep-sea are food supply and the effect of high pressure on the physiology of body functions. Although it is now known that the sediments are diversified and that there is seasonal organic input from surface waters, particularly in higher latitudes, which is influenced by internal waves and down-slope sediment slumping (Levin et al., 2001; Stuart et al., 2003; Rex et al., 2005), the available food supply differs markedly in its composition to that in shallow waters. Particles arriving at the sea bed have high scleroprotein content and are much reduced in quantity (McCave, 1974). This impoverished food supply is probably the reason for small body size, with most deep-sea bivalves being < 1 cm in length and the majority < 5 mm in length. It also explains why there is a large increase in the number of deposit feeding species. In addition, it should be noted that many deposit feeding protobranch species at abyssal depths have increased gut length compared with their shallower water relatives (Allen, 1992) and also, the few tellinacean species present have modified intestines of increased length and volume (Allen & Sanders, 1966). Both allow increased time for digestion.

Associated with small size is a reduction in the size of the gills. This may involve partial or total loss of the outer demibranch which may also be partly explained by the effect of high pressure in relation to respiratory requirements. Nevertheless, the gross internal morphology of the deep-sea species does not differ markedly from their shallow-water counterparts.

Whereas the ecology and evolution of the protobranchs of the deep Atlantic have been discussed at some length (Allen & Sanders, 1996b), that of the deep-water lamellibranchs is less well known. Descriptions of many lamellibranch species have been detailed (Allen, 1998, 2000a, b, 2001, 2004; Allen & Morgan, 1981; Allen & Turner, 1974; Oliver & Allen, 1980a, b; Payne & Allen, 1991), but their ecology and adaptations to abyssal life are much less well-known. It has been pointed out that the number lamellibranch families in the deep-sea is small and restricted to a very few species and some to a single

genus. Some groups, such as the septibranchs, have highly specialized macro-feeding habits and others may have specialised commensal relationships or habits, such as that of *Adipicola* and *Idasola*, which are restricted to the remains of whales. It is interesting that both of these groups have more or less the same percentage occurrence in the deep-sea as they do in shallow-water (Fig. 6). Nor do the deep-sea representatives of the two groups have any great anatomical differences from their shallow-water counterparts. Presumably, their food sources are much the same at whatever depth of their occurrence.

A similar argument might be made of the pectinaceans, in particular the Propeamussidae, mobile carnivores that are well-represented in the deep-sea. These show some structural modification in that not only are they small in size, but their shells are extremely thin and delicate and adapted for a life at the surface of the nepheloid layer. It would appear likely that deep-sea species spend much of their time swimming just above the sediment surface and, being mobile, actively seek out their food. Also of significance is that the Propeamussidae may be living relicts of a group thought to have become extinct at the end of the Paleozoic period (Waller, 1970, 2006).

The most dominant lamellibranch family present in the deep-sea is the Thyasiridae. Other lucinoideans excepted, and of which the lucinids and ungulinids are largely restricted to depths of < 1,000 m, the thyasirids have a morphology that is unlike that of other bivalves (Allen, 1958; Payne & Allen, 1991). Characteristically they have foot that is modified and used to form an inhalent tube to the surface for the intake of food and water. In addition, they have an unusual visceral mass in which gonads and digestive diverticula are largely restricted to lateral lobes on either side of the body. It is difficult to think why this latter

should be advantageous to life at great depths, but the unusual structure and function of the foot may well be. Unlike the shallow water lucinids and thyasirids which have thickened gills containing symbionts (Southward, 1986; Taylor & Glover, 2000), most of the deep-sea thyasirids are without (Payne & Allen, 1991). Presumably this is because the majority does not live in environments deficient in oxygen.

The deep-sea representatives of suspension-feeding lamellibranch families that are found at all depths (Kelliellidae, Arcidae, Limopsidae and Limatulidae) differ little from their shallow-water representatives. Other than small size and reduced gill size, there appear to be no modifications for life at great depths. In fact some, such as species of *Kelliella*, are first dominants and occur in very large numbers. This is also true of *Dacrydium*, one of very few mytilids to occur in the deep sea yet, apart from small size, it shows no anatomical differences that could account for their success. It is likely that explanation relates to physiological rather than gross anatomical differences.

Of all the lamellibranch families in the deep sea the Thyasiridae is the one that shows the most remarkable degree of speciation and a great many species remain to be described (see Appendix 2). Whether this is because that there is a paucity of competition in deep waters from the more recently evolved and more successful families that dominate in shallow waters, for example, veneraceans and tellinaceans, is debateable. However, it would appear that these more recently evolved and successful families in shallow water have displaced down-slope species of more ancient origin (Allen, 1996). It has also been recently suggested that molluscs have penetrated the deep sea by a source-sink mechanism (Rex et al., 2005). Nevertheless, there are undoubtedly resident deep-sea species that are restricted to the abyss (e.g., *Ledella ultima*), many with oceanwide distributions and which successfully reproduce at those depths. Most of the species restricted to lower bathyal and abyssal depths are protobranchs but a few lamellibranch species are restricted to these depths and include *Limopsis tenella*, *Dacrydium abyssorum*, and *Thyasira inflata*. Furthermore, judging by their restricted depth distributions this also applies to bathyal species at mid- and lower-slope depths. This is not to say that the sink-source mechanism does not apply to species with a wide distribution extending from shallow to deep water (Appendix 2).

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APPENDIX 1

Distribution of living deep-sea bivalves of the various basins of the Atlantic ARG, Argentine; BRA, Brazil; SUR, Surinam; CAV, Cape Verde; NAM, North America; WEU, West European; CAN, Canaries; SLE, Sierra Leone; GUI, Guinea; ANG, Angola; CAP, Cape. Presence of a species is indicated by + and when a sample or samples within a basin contain a species that ranks in the first three most common within the sample this is indicated by “d” (dominant).

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GUI	ANG	CAP
<i>Nucinella pretiosa</i> Gould, 1861										+	+
<i>Solemya grandis</i> Verrill & Bush, 1898					+						
<i>Solemya</i> sp.						+					
<i>Solemya</i> sp. 195										+	
<i>Solemya</i> sp. 237	+										
<i>Solemya</i> sp. 259	+									+	
<i>Solemya</i> sp. 280	+										
<i>Solemya</i> sp. 293			+								
<i>Pristigloma alba</i> Sanders & Allen, 1973		+	+		+	+	+			+	+
<i>Pristigloma nitens</i> (Jeffreys, 1876)	+	+	+		+	d	+			+	
<i>Pristigloma</i> sp. a			+								
<i>Microgloma pusilla</i> (Jeffreys, 1879)					+						
<i>Microgloma turnerae</i> Sanders & Allen, 1973			+			d	+				
<i>Microgloma yongei</i> Sanders & Allen, 1973			d			+		+		d	+
<i>Microgloma</i> sp. s			d		+						
<i>Nucula callicredemna</i> Dall, 1890	+										
<i>Nuculidae</i> sp. 280	+										
<i>Nuculidae</i> sp. 330						+					
<i>Deminucula atacellana</i> (Schenk, 1939)	d		+		d	d	+		+	+	
<i>Nuculoidea bushae</i> (Dollfus, 1898)			+		d	d	d	+	d	+	
<i>Nuculoidea pernambucensis</i> (Smith, 1885)		d									
<i>Nuculoma elongata</i> Rhind & Allen, 1992			+								
<i>Nuculoma granulosa</i> (Verrill, 1884)			+		d	d				+	
<i>Nuculoma perforata</i> Rhind & Allen, 1992	+							d		+	
<i>Nuculoma similis</i> Rhind & Allen, 1992			+		d						
<i>Brevinucula subtrangularis</i> Rhind & Allen, 1992	+										
<i>Brevinucula verrilli</i> (Dall, 1886)		+	+		+	+	+	d	d	d	

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Tindaria miniscula</i> Sanders & Allen, 1977	+		+		d				+	+	
<i>Tindaria callistiformis</i> Verrill & Bush, 1897	+		+		d	+			+	+	
<i>Tindaria hessleri</i> Sanders & Allen, 1977					+		+			+	
<i>Tindaria perrieri</i> (Dautzenberg & Fischer, 1896)						+					
<i>Tindaria</i> sp. 188										+	
<i>Neilonella corpulenta</i> (Dall, 1881)		+									
<i>Neilonella guineensis</i> (Theile, 1931)		+		+	+		+		+	+	+
<i>Neilonella hampsoni</i> Allen & Sanders, 1996		+	+								
<i>Neilonella salicensis</i> (Seguenza, 1877)			d		d	d	+	+	d	d	+
<i>Neilonella whoii</i> Allen & Sanders, 1996	+		+		d	d	+	+	+	d	
<i>Pseudotindaria championi</i> (Clarke, 1961)	+						+				
<i>Pseudotindaria erebus</i> (Clarke, 1959)	+	+	+		+		+	+	+	d	
<i>Pseudotindaria</i> sp.						+					
<i>Prelametila clarkei</i> Allen & Sanders, 1973	d		+		d						
<i>Prelametila</i> sp. 247	+							+			
<i>Lametila abyssorum</i> Allen & Sanders, 1973		d			+	+					
<i>Phaseolus</i> sp. a										+	
<i>Phaseolus</i> sp. b					+						
<i>Phaseolus</i> sp. c	d										
<i>Phaseolus</i> sp. d					+						
<i>Tindariopsis aeolata</i> (Dall, 1890)			+								
<i>Tindariopsis agatheda</i> (Dall, 1889)		+	+				d				
<i>Tindariopsis</i> sp.			+								
<i>Ledella aberrenta</i> Allen & Sanders, 1996	+		+		+	+				+	
<i>Ledella acinula</i> (Dall, 1890)		+	d		+			+	+		
<i>Ledella acuminata</i> (Jeffreys, 1870)						d				+	
<i>Ledella galathea</i> Knudsen, 1970						+					
<i>Ledella jamesi</i> Allen & Hannah, 1989	d		d								
<i>Ledella lusitanensis</i> Allen & Hannah, 1989								+			
<i>Ledella oxira</i> (Dall, 1927)		+									

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Ledella parva</i> Verrill & Bush, 1897						+					
<i>Ledella pustulosa argentineae</i> Allen & Hannah, 1889	d										
<i>Ledella pustulosa hampsoni</i> Allen & Hannah, 1889								+		+	
<i>Ledella pustulosa marshalli</i> Allen & Hannah, 1889						d		+			
<i>Ledella pustulosa pustulosa</i> (Jeffreys, 1876)						d					
<i>Ledella sandersi</i> Allen & Hannah, 1889											+
<i>Ledella similis</i> Allen & Hannah, 1889						+					
<i>Ledella sublevis</i> Verrill & Bush, 1898	d		+		+	+		+	d	+	
<i>Ledella ultima</i> (Smith, 1885)	+	+	d	d	d	d		d	+	d	d
<i>Ledella</i> sp.					+						
<i>Spinula filatovae</i> Knudsen, 1967						+	+		d	d	+
<i>Spinula hilleri</i> Allen & Sanders, 1982	+	+	+		+	+	+	+		+	
<i>Spinula scheltemae</i> Allen & Sanders, 1982	+		+					d			
<i>Spinula subexisa</i> (Dautzenberg & Fischer, 1897)			+			+					
<i>Spinula</i> sp.					+						
<i>Nuculana acuta</i> (Conrad, 1831)					+	+					
<i>Nuculana commutata</i> (Philippi, 1844)						+					
<i>Nuculana vestita</i> (Locard, 1898)						+		+		d	
<i>Propeleda paucistriata</i> Allen & Sanders, 1996										+	
<i>Propeleda carpenteri</i> (Dall, 1881)	d										
<i>Propeleda louiseae</i> (Clarke, 1961)	+										
<i>Yoldiella americana</i> Allen, Sanders & Hannah, 1995	+		d		d						
<i>Yoldiella argentinensis</i> Allen, Sanders & Hannah, 1995	+										
<i>Yoldiella artipica</i> Allen, Sanders & Hannah, 1995								+	+		
<i>Yoldiella biguttata</i> Allen, Sanders & Hannah, 1995	+	+	+								
<i>Yoldiella bilanta</i> Allen, Sanders & Hannah, 1995								+	+		d
<i>Yoldiella blanda</i> Allen, Sanders & Hannah, 1995	d										

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Yoldiella biscayensis</i> Allen, Sanders & Hannah, 1995						d					
<i>Yoldiella curta</i> Verrill & Bush, 1898	+	d	d	+	d	+		+		d	+
<i>Yoldiella capensis</i> Allen, Sanders & Hannah, 1995										+	d
<i>Yoldiella dissimilis</i> Verrill & Bush, 1898					+	+					
<i>Yoldiella ella</i> Allen, Sanders & Hannah, 1995	+	+			d	d		d	+	+	
<i>Yoldiella enata</i> Allen, Sanders & Hannah, 1995			d	+	+						
<i>Yoldiella extensa</i> Allen, Sanders & Hannah, 1995	d										
<i>Yoldiella fabula</i> Allen, Sanders & Hannah, 1995			+		+	+			+	+	
<i>Yoldiella frigida</i> (Torrell, 1859)			+		d	d					
<i>Yoldiella hanna</i> Allen, Sanders & Hannah, 1995									d	d	
<i>Yoldiella inconspicua africana</i> Allen, Sanders & Hannah, 1995							+	+	+	+	
<i>Yoldiella inconspicua inconspicua</i> Verrill & Bush, 1898					d	d					
<i>Yoldiella profundorum</i> Allen, Sanders & Hannah, 1995	+										
<i>Yoldiella insculpta</i> (Jeffreys, 1879)						d	+				
<i>Yoldiella jeffreysi</i> (Hidalgo, 1879)	+		+		d	d	d	+		+	
<i>Yoldiella lata</i> (Jeffreys, 1876)						d					
<i>Yoldiella lucida</i> (Lovén, 1848)			+		d	+					
<i>Yoldiella obesa obesa</i> (Stimpson, 1851)			+		+						
<i>Yoldiella obesa incala</i> Allen, Sanders & Hannah, 1995						d					
<i>Yoldiella ovata</i> Allen, Sanders & Hannah, 1995			d								
<i>Yoldiella perplexa</i> Allen, Sanders & Hannah, 1995			d								
<i>Yoldiella pseudolata</i> Allen, Sanders & Hannah, 1995						d	+	+			
<i>Yoldiella robusta</i> Allen, Sanders & Hannah, 1995	+										
<i>Yoldiella similirus</i> Allen, Sanders & Hannah, 1995	+				+						
<i>Yoldiella similis</i> Allen, Sanders & Hannah, 1995										+	

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Yoldiella sinuosa</i> Allen, Sanders & Hannah, 1995			+								
<i>Yoldiella subcircularis</i> (Odhner, 1960)	+		d		d	+	+		+	+	
<i>Yoldiella valetta</i> Allen, Sanders & Hannah, 1995						+	+	+			
<i>Yoldiella</i> sp. 246	+										
<i>Yoldiella</i> sp. 314						+					
<i>Portlandia abyssorum</i> (Knudsen, 1970)									+	+	+
<i>Portlandia lenticula</i> (Møller, 1842)						+	+	+			
<i>Portlandia minuta</i> Allen, Sanders & Hannah, 1995										d	+
<i>Serapta</i> sp.						+					
<i>Silicula fragilis</i> Jeffreys, 1897	+			+	+					+	
<i>Silicula filatovae</i> Allen & Sanders, 1973			+		+	+		+		d	+
<i>Silicula mcalesteri</i> Allen & Sanders, 1973	+				+						
<i>Malletia abyssorum</i> Verrill & Bush, 1898	d		+		d	d	+	d		d	
<i>Malletia cuneata</i> Jeffreys, 1876	d				+	+	+			+	
<i>Malletia grasslei</i> Sanders & Allen, 1985	+		+								
<i>Malletia johnsoni</i> Clarke, 1961			+		d	d			d	d	+
<i>Malletia malita</i> Sanders & Allen, 1985			+								
<i>Malletia obtusa</i> G. O. Sars, 1878						+					
<i>Malletia pallida</i> Smith, 1885				d	d			d		d	+
<i>Malletia polita</i> Verrill & Bush, 1898			d	d	d	+					
<i>Malletia surinamensis</i> Sanders & Allen, 1985			+								
<i>Malletia</i> sp.					+						
<i>Bentharca asperula</i> (Dall, 1881)		d			d	+			+	+	+
<i>Bentharca nodulosa</i> (Muller, 1776)								+			
<i>Bathyarca glacialis</i> (Gray, 1824)					+						
<i>Bathyarca inaequisculpta</i> (Smith, 1885)		+	d		+	+			+	d	+
<i>Bathyarca pectunculoides</i> (Scacchi, 1834)					d	d	+				+
<i>Bathyarca</i> sp. 245	+										

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Limopsis aurita</i> (Brocchi, 1814)					+	d					
<i>Limopsis cristata affinis</i> Verrill, 1885			d		d						
<i>Limopsis cristata cristata</i> Jeffreys, 1876						d	+				
<i>Limopsis cristata lanceolata</i> Oliver & Allen, 1980										+	+
<i>Limopsis cristata intermedia</i> Oliver & Allen, 1980	+		+			+					
<i>Limopsis galathea</i> Knudsen, 1970		+	d		d	+		+	d	+	+
<i>Limopsis minuta</i> (Philippi, 1836)							+				
<i>Limopsis spicata</i> Oliver & Allen, 1980	d										
<i>Limopsis surinamensis</i> Oliver & Allen, 1980			d								
<i>Limopsis tenella</i> Jeffreys, 1876		d			+	d		+	+	d	
<i>Limopsis</i> sp. 197										+	
<i>Limopsis</i> sp. 239			+								
<i>Adipicola simpsoni</i> (Marshall, 1900)					+	+					
<i>Musculus discors</i> (Linné, 1767)						+					
<i>Mytilidae</i> sp. 115					+						
<i>Mytilidae</i> sp. 330					+	+					
<i>Anomiidae</i> sp. S29						+					
<i>Dacrydium abyssorum</i> Allen, 1998			+		+	d		d		d	
<i>Dacrydium angulare</i> Ockelmann, 1983									d		
<i>Dacrydium hedleyi</i> Allen, 1998			+								
<i>Dacrydium ockelmanni</i> Mattson & Warén, 1977	+		+		d	d	d	d			
<i>Dacrydium sandersi</i> Allen, 1998		d	+		d	d					
<i>Dacydium vitreum</i> (Møller, 1842)			+		+						
<i>Dacrydium wareni</i> Salas & Gofas, 1997			+		+	+					
<i>Dacrydium</i> sp. 2	+										
<i>Limatula bisecta</i> Allen, 2004					+						
<i>Limatula celtica</i> Allen, 2004		+	+			+					
<i>Limatula laminifera</i> (Smith, 1885)					d						
<i>Limatula louiseae</i> Clarke, 1974		+	+		+	+				+	+

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Limatula margaretae</i> Allen, 2004			+		+	+					
<i>Limatula smithi</i> Allen, 2004										+	+
<i>Limatula subovata</i> (Jeffreys, 1876)	d		+		+	+		+			
<i>Limatula</i> sp. 3					+						
<i>Limea argentineae</i> Allen, 2004	+										
<i>Limea lirata</i> Allen, 2004					+						
<i>Limea sarsi</i> Lovén, 1846						d					
<i>Limea</i> sp. 240	+										
<i>Flexipecten proteus</i> (Solander, 1817)						+					
<i>Zygochlamys patagonica</i> (King, 1831)	+										
Pectinid sp.						+					
Pectinidae sp. a							+				
Pectinidae sp. b					+					+	
Pectinidae sp. c						+					
Pectinidae sp. d										+	
Pectinid sp. e									+		
<i>Placopecten magellanicus</i> (Gmelin, 1791)						+					
<i>Similipecten minor</i> Locard, 1898										+	
<i>Similipecten similis</i> (Laskey, 1811)					+						
<i>Similipecten</i> sp.										+	
<i>Delectopecten vitreus</i> (Gmelin, 1791)					+	d					
<i>Delectopecten</i> sp. a						d					
<i>Hyalopecten parvulinus</i> (Locard, 1897)						+					
<i>Hyalopecten undatus</i> Verrill & Smith, 1885			+		+						
<i>Hyalopecten</i> sp. a					+						
<i>Hyalopecten</i> sp. e		+									
<i>Parvamussium lucidum</i> (Jeffreys, 1873)		d	+								
<i>Parvamussium obliquum</i> Smith, 1885			+								
<i>Parvamussium permirum</i> (Dautzenberg, 1925)						+					
<i>Parvamussium</i> sp. a		+	+			+		+		+	
<i>Parvamussium</i> sp. b						+					
<i>Parvamussium</i> sp. q			+			+					
<i>Parvamussium</i> sp. z					+						
<i>Bathypecten eucymatus</i> (Dall, 1898)	+		+		+	+					

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Bathypecten</i> sp. a	d	+			+						
<i>Bathypecten</i> sp. b	+		+								
<i>Bathypecten</i> sp. c						+					
<i>Bathypecten</i> sp. d	+										
<i>Bathypecten</i> sp. e								+		+	
<i>Propeamussium centobi</i> Schein, 1989			+								
<i>Propeamussium meridionale</i> (Smith, 1885)						+					
<i>Propeamussium thalassinum</i> (Dall, 1886)			+								
<i>Propeamussium</i> sp. a					+						
<i>Propeamussium</i> sp. c	+										
<i>Propeamussium</i> sp. d				+							
<i>Pseudamussium clavatum</i> (Poli, 1795)						+					
<i>Cyclopecten ambiannulatus</i> Schein, 1989						+					
<i>Cyclopecten pustulosus</i> (Verrill, 1873)	+				+						
<i>Cyclopecten simplex</i> Verrill, 1897					+						
<i>Cyclopecten</i> sp. a	d		+		+	d		+			
<i>Cyclopecten</i> sp. ze			+		+			+			
<i>Cyclopecten</i> sp. zf					+						
<i>Cyclopecten</i> sp. zg		d	+								
<i>Lucinoma filosa</i> (Stimpson, 1851)										+	+
<i>Myrtea lens</i> (Verrill & Smith, 1881)			+								
Lucinidae sp. 280	+										
<i>Axinus grandis</i> (Verrill & Smith, 1885)					+	+					
<i>Leptaxinus incrassatus</i> (Jeffreys, 1876)						d					
<i>Thyasira alleni</i> Carrozza, 1981	+							+		+	d
<i>Thyasira atlantica</i> Payne & Allen, 1991					+	+					
<i>Thyasira biscayensis</i> Payne & Allen, 1991						+	+			+	
<i>Thyasira brevis</i> (Verrill & Bush, 1898)	d				+	d			+	+	d
<i>Thyasira bushae</i> Payne & Allen, 1991											+
<i>Thyasira carrozae</i> Payne & Allen, 1991	d				+			+		d	d
<i>Thyasira croulinensis</i> (Jeffreys, 1847)	+		+		+	d		d		+	+
<i>Thyasira equalis</i> (Verrill & Bush, 1898)	+	+	+		+	+		+	+	+	+

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Thyasira eumyaria</i> (M. Sars, 1870)	+					d		+	+	+	+
<i>Thyasira excavata plicata</i> (Verrill, 1885)										+	
<i>Thyasira ferruginea</i> (Locard, 1886)	d		+		d	d		d		d	+
<i>Thyasira inflata</i> Payne & Allen, 1991	d		d		+					d	+
<i>Thyasira obsoleta</i> (Verrill & Bush, 1898)					+	d	+	+		+	
<i>Thyasira pygmaea</i> (Verrill & Bush, 1898)	d		+		d	+				+	
<i>Thyasira subcircularis</i> Payne & Allen, 1991	?+					+		+			
<i>Thyasira subequatoria</i> Payne & Allen, 1991	+									+	
<i>Thyasira subovata minuta</i> Payne & Allen, 1991										+	+
<i>Thyasira subovata subovata</i> (Jeffreys, 1881)	+			+	+	d		+		+	+
<i>Thyasira succisa succisa</i> (Jeffreys, 1876)						d					
<i>Thyasira succisa atlantica</i> Payne & Allen, 1991	+		+		+	+		+		d	+
<i>Thyasira transversa</i> Payne & Allen, 1991	d	+	d	+	d		+	+	d		
<i>Thyasira trisinuta</i> (d'Orbigny, 1846)	+										
<i>Thyasira tortuosa</i> (Jeffreys, 1881)			+		+	+		+		d	+
<i>Thyasira ultima</i> Payne & Allen, 1991						+	+	d	+	d	
<i>Thyasira verrilli</i> Payne & Allen, 1991			+		d						
<i>Thyasira</i> sp. i										+	
<i>Thyasira</i> sp. h	+										
<i>Thyasira</i> sp. p	+				+	+					
<i>Thyasira</i> sp. r	+				+	+					
<i>Thyasira</i> sp. 1			+		+	+					
<i>Thyasira</i> sp. 2 a	d		+		+	+					
<i>Thyasira</i> sp. 2 c			+								
<i>Thyasira</i> sp. 3			+		+						
<i>Thyasira</i> sp. 4			+								
<i>Thyasira</i> sp. 8 a	+	+			+						
<i>Thyasira</i> sp. 9					+						
<i>Thyasira</i> sp. 15	+		+		+	+				+	
<i>Thyasira</i> sp. 17	+	+	+		d	+		+			
<i>Thyasira</i> sp. 21	d										
<i>Thyasira</i> sp. 28										+	+
<i>Thyasira</i> sp. 30	+		+			+					
<i>Thyasira</i> sp. 32						+					

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Thyasira</i> sp. 34										+	
<i>Thyasira</i> sp. 40					+	+					
<i>Thyasira</i> sp. 45	+		+		+	+					
<i>Thyasira</i> sp. 47 a	+					?+					
<i>Thyasira</i> sp. 47 b					+						
<i>Thyasira</i> sp. 65						+					
<i>Thyasira</i> sp. 67							+				
<i>Thyasira</i> sp. 72					+						
<i>Thyasira</i> sp. 98					+						
<i>Thyasira</i> sp. 128					+						
<i>Thyasira</i> sp. 186										+	
<i>Thyasira</i> sp. 188										+	
<i>Thyasira</i> sp. 188 b										+	
<i>Thyasira</i> sp. 202										+	
<i>Thyasira</i> sp. 210					+						
<i>Thyasira</i> sp. 239	+										
<i>Thyasira</i> sp. 243	+										
<i>Thyasira</i> sp. 280	+										
<i>Thyasira</i> sp. 297			+								
<i>Thyasira</i> sp. 299			+								
<i>Thyasira</i> sp. 306			+								
<i>Thyasira</i> sp. 309						+					
<i>Thyasira</i> sp. 314						+					
<i>Thyasira</i> sp. 318						+					
<i>Thyasira</i> sp. 323						+					
<i>Thyasira</i> sp. 328						+					
<i>Thyasira</i> sp. 329	+										
<i>Thyasira</i> sp. 330							+				
<i>Thyasira</i> sp. 334					+						
<i>Thyasira</i> sp. 346 a					+						
<i>Thyasira</i> sp. 346 b					+						
<i>Thyasira</i> sp. 346 c					+						
<i>Thyasira</i> sp. DS87						+					
<i>Thyasira</i> sp. S50						+					
<i>Thyasira</i> sp. 6797							+				
<i>Galeommatoidea</i> sp.										+	
<i>Epilepton elpis</i> Allen, 2007					+						
<i>Epilepton subtrigonum</i> (Fischer, 1873)						+					
<i>Epilepton</i> sp. 21	+		+							+	
<i>Leptonidae</i> sp. v	+										
<i>Leptonidae</i> sp. w										+	
<i>Montacuta ovata</i> Jeffreys, 1881					?+	+				+	+
<i>Montacuta</i> sp.						+					
<i>Montacuta</i> sp. 1					+					+	
<i>Axinodon symmetros</i> (Jeffreys, 1876)		+			+	+					
<i>Modiolarca tumida</i> (Hanley, 1843)						+					

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Mysella tumidula</i> (Jeffreys, 1866)						+					
<i>Mysella verrilli</i> (Dall, 1899)	+				+	+				+	
<i>Mysella</i> sp. 1	+		+		+	+		+	+	+	
<i>Mysella</i> sp. 2					+	+				+	
<i>Mysella</i> sp. 3										+	
<i>Neolepton profundorum</i> Allen, 2000	d										
<i>Abra longicallis</i> (Scacchi, 1834)					+	+			+		
<i>Abra profundorum</i> (Smill, 1885)			+		+	+	+			+	
Tellinidae sp. a			+								
Tellinidae sp. b					+						
Tellinidae sp. c										+	d
Tellinidae sp. d										+	
Tellinid sp. f						+					
Tellinid sp. x										+	
<i>Kelliella abyssicola</i> Allen, 2001			+			+			+		
<i>Kelliella adamsi</i> (Smith, 1885)			+								
<i>Kelliella atlantica</i> (Smith, 1885)	d		d	d	+	d	d	d		d	d
<i>Kelliella biscayensis</i> Allen, 2001						d					
<i>Kelliella concentrica</i> Allen, 2001					+						
<i>Kelliella elongata</i> Allen, 2001	+		+		+			+		+	
<i>Kelliella miliaris</i> Philippi, 1844						+					
<i>Kelliella nitida</i> Verrill, 1885					+						
<i>Kelliella tenina</i> Allen, 2001										+	
<i>Kelliella</i> sp. 236	+										
<i>Kelliella</i> sp. 245	+										
<i>Kelliella</i> sp. 323						+					
Carditidae sp. 1	+										
Carditidae sp. 2						d					
Carditidae sp. 5	+										
<i>Goodallia triangularis</i> (Montagu, 1803)					+						
<i>Astarte</i> sp. 1					d	+					
<i>Astarte</i> sp. 2					d						
<i>Astarte</i> sp. 5						+					
<i>Tridonta elliptica</i> (Brown, 1827)						+					
<i>Acanthocardia echinata</i> (Linné, 1758)						+					

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Clinocardium ciliatum</i> (O. Fabricius, 1780)						+					
Cardiidae sp. 4	+										
Cardiidae sp. 6						+					
Veneridae sp. 280	+										
Veneridae sp. h										+	
Mactridae sp.						+					
<i>Corbula</i> sp. 1					+						
<i>Corbula</i> sp. 2						+					
<i>Lyonsia</i> sp. 1					+						
<i>Pandora pinna</i> (Montagu, 1803)					+						
<i>Asthenotherus hemphilli</i> Dall, 1886	+										
<i>Thracia conradi</i> Couthouy, 1838					+						
<i>Thracia durouchouxi</i> Dautzenberg & Fischer, 1897			+								
<i>Thracia gracilis</i> Jeffreys, 1865						+					
<i>Thracia nitida</i> Verrill, 1884	+		+		+						
<i>Thracia myopsis</i> (Møller, 1842)			+								
<i>Thracia pubescens</i> (Pulteney, 1799)						+					
<i>Thracia</i> sp. 1						+					
<i>Thracia</i> sp. 2										+	
<i>Thracia</i> sp. 3										+	+
<i>Periploma papyracea</i> (Poli, 1791)					+						
<i>Bushia</i> sp.						+					
<i>Cochlodesma tenerum</i> (Jeffreys, 1880)						+			+		
<i>Xylophaga</i> sp.						+					
<i>Poromya granulata</i> (Nyst & Westendorp, 1839)			+			+					
<i>Poromya tornata</i> (Jeffreys. 1876)		+			+	+					
<i>Poromya</i> sp. 256										+	
<i>Poromya</i> sp. 301			+								
<i>Poromya</i> sp. 335					+						
<i>Cetoconcha angolensis</i> Allen & Morgan, 1981									+		
<i>Cetoconcha braziliensis</i> Allen & Morgan, 1981	+										
<i>Cetoconcha</i> sp.						+					
<i>Protocuspidaria atlantica</i> Allen & Morgan, 1981					+		+				
<i>Protocuspidaria simplis</i> Allen & Morgan, 1981					+	+	+	+			

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Protocuspidaria verityi</i> Allen & Morgan 1981	+	+			+	+	+	+		+	
<i>Protocuspidaria</i> sp. 256	+										
<i>Protocuspidaria</i> sp.						+					
<i>Cuspidaria atlantica</i> Allen & Morgan, 1981			+		+	+	+			+	
<i>Cuspidaria barnardi</i> Knudsen, 1970	+				+			+			
<i>Cuspidaria circinata</i> (Jeffreys, 1876)	+	+									
<i>Cuspidaria jeffreysi</i> (Dall, 1881)					+	+	+				
<i>Cuspidaria obesa</i> (Lovén, 1846)			+		d	d					
<i>Cuspidaria parva</i> Verrill & Bush, 1898	+	+	+		+	+	+	+			
<i>Cuspidaria undata</i> (Verrill, 1884)					+						
<i>Cuspidaria ventricosa</i> Verrill & Bush, 1898										+	
<i>Cuspidaria</i> sp.						+					
<i>Cuspidaria</i> sp. a					+						
<i>Cuspidaria</i> sp. d	+										
<i>Cuspidaria</i> sp. e						+					
<i>Cuspidaria</i> sp. f					+						
<i>Cuspidaria</i> sp. g						+					
<i>Cuspidaria</i> sp. h						+					
<i>Cuspidaria</i> sp. j					+						
<i>Cuspidaria</i> sp. k					+						
<i>Cuspidaria</i> sp. L			+								
<i>Cuspidaria</i> sp. p			+								
<i>Cuspidaria</i> sp. q			+								
<i>Cuspidaria</i> sp. 1			d		+	+					
<i>Cuspidaria</i> sp. 2			+		+		d				
<i>Cuspidaria</i> sp. 3						+					
<i>Cuspidaria</i> sp. 56						+					
<i>Cuspidaria</i> sp. 126					+						
<i>Cuspidaria</i> sp. 202										+	
<i>Cuspidaria</i> sp. 239	+										
<i>Cuspidaria</i> sp. 242	+										
<i>Cuspidaria</i> sp. 326					+						
<i>Cuspidaria</i> sp. 328						+					
<i>Cuspidaria</i> sp. 334					+						
<i>Cuspidaria</i> sp. 346					+						
<i>Cuspidaria</i> sp. 519										+	
<i>Cardiomya costellata</i> (Deshayes, 1830)			+		+	+					
<i>Cardiomya curta</i> (Jeffreys, 1876)					+						
<i>Cardiomya knudseni</i> Allen & Morgan, 1981	+	+			+	+					

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Rhinoclama abrupta</i> Allen & Morgan, 1981						+				+	+
<i>Rhinoclama halimera</i> (Dall, 1886)					+	+	+	+			
<i>Rhinoclama notabilis</i> (Jeffreys, 1876)	d	+			+	+					
<i>Luzonia simplex</i> Allen & Morgan, 1981						d		d		d	d
<i>Tropidomya abbreviata</i> (Forbes, 1843)	+		+		+	+					
<i>Tropidomya diagonalis</i> Allen & Morgan, 1981										+	
<i>Halonympha atlanta</i> Allen & Morgan, 1981					+	+				+	
<i>Halonympha depressa</i> (Jeffreys, 1881)						+	+	+			
<i>Myonera angularis</i> (Jeffreys, 1876)						+					
<i>Myonera atlantica</i> Allen & Morgan, 1981	+				+	+		+		d	
<i>Myonera demistriata</i> Allen & Morgan, 1981	+	+			+	+					
<i>Myonera octoporosa</i> Allen & Morgan, 1981		+			+						
<i>Myonera paucistriata</i> Dall, 1886	d		+		+	+					
<i>Myonera tillamookensis</i> Dall, 1916										+	
<i>Myonera</i> sp.	d				+						
<i>Lyonsiella abyssicola</i> (G. O. Sars, 1872)	+		+		+	+	+				
<i>Lyonsiella formosa</i> (Jeffreys, 1881)		+			+	+	+	+			
<i>Lyonsiella fragilis</i> Allen & Turner, 1974					+						
<i>Lyonsiella freilei</i> Allen & Turner, 1974							+			+	
<i>Lyonsiella perplexa</i> Allen & Turner, 1974					+	+					
<i>Lyonsiella smidti</i> (Smith, 1885)			?+		+	+					
<i>Lyonsiella subquadrata</i> (Jeffreys, 1881)	+					+	+				
<i>Lyonsiella</i> sp. 202										+	
<i>Lyonsiella</i> sp. 239	+										
<i>Verticordia quadrata</i> Smith, 1885		+	+		+	+		+	+	+	
<i>Verticordia triangularis</i> Locard, 1898					+	+		+		+	+
<i>Verticordia</i> sp.					+						
<i>Verticordia</i> sp. 88					+						

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Verticordia</i> sp. 98					+						
<i>Verticordia</i> sp. 240	+										
<i>Verticordia</i> sp. 309							+				
<i>Policordia atlantica</i> Allen & Turner, 1974					+	+		+		+	
<i>Policordia densicostata</i> Locard, 1898					+	+				+	
<i>Policordia gemma</i> (Verrill, 1880)	+	+			+	+				+	
<i>Policordia insoleta</i> Allen & Turner, 1974					+	+				+	
<i>Policordia laevis</i> Allen & Turner, 1974		+				+					
<i>Polycordia jeffreysi</i> (Friele, 1879)					+	+					
<i>Policordia</i> sp. 128					+						
<i>Policordia</i> sp. 200										+	
<i>Policordia</i> sp. 297			+								
<i>Laevicordia horrida</i> Allen & Turner, 1974			+			+	+				
<i>Laevicordia</i> sp.										+	
<i>Halicardia flexuosa</i> (Verrill & Smith, 1881)										+	
<i>Incertae cedis</i> sp. 1 a					+	+					
<i>Incertae cedis</i> sp. 1 b										+	
<i>Incertae cedis</i> sp. 2											+
<i>Incertae cedis</i> sp. 3					+						
<i>Incertae cedis</i> sp. 10						+					
<i>Incertae cedis</i> sp. 64					+						
<i>Incertae cedis</i> sp. 72					+	+					
<i>Incertae cedis</i> sp. 89					+						
<i>Incertae cedis</i> sp. 95					+						
<i>Incertae cedis</i> sp. 96					+						
<i>Incertae cedis</i> sp. 100					+						
<i>Incertae cedis</i> sp. 101										+	
<i>Incertae cedis</i> sp. 115					+						
<i>Incertae cedis</i> sp. 119					+						
<i>Incertae cedis</i> sp. 121					+						
<i>Incertae cedis</i> sp. 122					+						
<i>Incertae cedis</i> sp. 131					+						
<i>Incertae cedis</i> sp. 146								+			
<i>Incertae cedis</i> sp. 185					+					+	
<i>Incertae cedis</i> sp. 186											+
<i>Incertae cedis</i> sp. 188										+	
<i>Incertae cedis</i> sp. 189										+	
<i>Incertae cedis</i> sp. 202 a										+	
<i>Incertae cedis</i> sp. 202 b										+	
<i>Incertae cedis</i> sp. 203 a											+
<i>Incertae cedis</i> sp. 203 b											+
<i>Incertae cedis</i> sp. 236	+										
<i>Incertae cedis</i> sp. 237	+										

(continues)

(continued)

	ARG	BRA	SUR	CAV	NAM	WEU	CAN	SLE	GU1	ANG	CAP
<i>Incertae cedis</i> sp. 240	+										
<i>Incertae cedis</i> sp. 256	+										
<i>Incertae cedis</i> sp. 262	+									+	+
<i>Incertae cedis</i> sp. 291 a			+								
<i>Incertae cedis</i> sp. 291 b			+								
<i>Incertae cedis</i> sp. 299			+								
<i>Incertae cedis</i> sp. 301			+								
<i>Incertae cedis</i> sp. 313							+				
<i>Incertae cedis</i> sp. 314					+		+				
<i>Incertae cedis</i> sp. 318							+				
<i>Incertae cedis</i> sp. 323							+				
<i>Incertae cedis</i> sp. 326							+				
<i>Incertae cedis</i> sp. 328							+				
<i>Incertae cedis</i> sp. 330	+		+		+		+				
<i>Incertae cedis</i> sp. 334 a					+		+				
<i>Incertae cedis</i> sp. 334 b					+						
<i>Incertae cedis</i> sp. 335					+		+				
<i>Incertae cedis</i> sp. 346					+						

APPENDIX 2

The depth distribution of first, second and third dominant deep-sea species of bivalves in different basins giving minimum (min) and maximum (max) depth range and depth of maximum abundance (opt). + indicates the species is dominant at one station in a particular basin and a figure in paraentheses indicates that a species is dominant at more than one station in the basin.

Species	Dominance			Basin	Depth (m)		Opt
	1	2	3		min	max	
<i>Pristigloma nitens</i>	+			WEU	2,397	4,734	3,338
<i>Deminucula atacellana</i>	+			NFD	3,919	4,400	4,400
	+(3)	+		NAM	530	3,834	2,022
	+(3)			ARG	2,707	3,916	3,822
			+(2)	WEU	1,500	2,493	4,286
<i>Brevinucula verrilli</i>		+		CAN	2,129	2,988	2,129
	+			SLE	1,976	3,861	2,934
	+			GUI	2,470	3,174	2,470
<i>Microgloma turnerae</i>	+			WEU	1,015	2,897	1,922
<i>Microgloma turnerae</i>		+	+	SUR	2,076	2,853	2,853
		+		ANG	2,031	2,754	2,754
<i>Microgloma</i> sp. s	+		+	SUR	1,022	2,853	1,518
<i>Phaseolus</i> sp. c	+			ARG	5,223	5,223	5,223
<i>Nuculoidea bushae</i>		+		NAM	196	530	530
		+		WEU	860	2,493	1,015
			+	CAN	780	2,129	2,129
		+		GUI	1,261	2,161	2,161
<i>Nuculoidea pernambucensis</i>		+		BRA	827	1007	827
<i>Nuculoma granulosa</i>	+(2)		+	NAM	530	2,178	1,102
		+		WEU	1,336	1,336	1,336

(continues)

(continued)

Species	Dominance			Basin	Depth (m)		Opt
	1	2	3		min	max	
<i>Nuculoma perforata</i>		+(3)		SLE	1,796	2,357	2,375
<i>Nuculoma similis</i>	+	+	+	NAM	475	475	475
<i>Tindaria agatheda</i>		+		CAN	1,934	2,129	1,934
<i>Tindaria miniscula</i>			+	NAM	3,753	3,753	3,753
<i>Tindaria callistiformis</i>			+	NAM	3,753	5,042	3,806
<i>Neilonella salicensis</i>		+(3)		NAM	1,102	2,886	2,178
	+		+	SUR	523	2,076	1,575
		+(2)	+(2)	WEU	641	2,503	1,865
			+	GUI	2,470	2,514	2,470
			+	ANG	542	2,031	2,031
<i>Neilonella whoii</i>	+	+(2)		NAM	2,862	4,970	3,356
		+	+(3)	WEU	3,338	4,823	4,425
			+	ANG	2,754	4,596	4,308
<i>Pseudotindaria erebus</i>		+		ANG	2,754	3,797	3,797
<i>Nuculana vestita</i>			+	ANG	542	2,031	542
<i>Propoleda carpenteri</i>	+			ARG	1,011	2,323	1,011
<i>Prelametila clarkei</i>			+	NAM	2,886	2,886	2,886
			+	ARG	4,402	5,223	5,223
<i>Lametila abyssorum</i>		+		BRA	3,495	3,495	3,495
<i>Ledella acinula</i>		+		SUR	1,022	2,076	2,076
<i>Ledella acuminata</i>	+			WEU	2,540	2,900	2,900
<i>Ledella jamesi</i>	+(2)			SUR	1,518	2,853	2,076
	+		+	ARG	1,679	2,480	1,679
<i>Ledella pustulosa argentinea</i>		+	+(2)	ARG	3,317	5,233	3,382
<i>Ledella pustulosa marshalli</i>		+	+(3)	WEU	2,494	4,425	2,884
<i>Ledella pustulosa pustulosa</i>	+(7)	+	+(6)	WEU	609	3,859	2,126
<i>Ledella sublevis</i>			+	ARG	1,679	3,916	2,480
		+		GUI	2,470	2,514	2,470
<i>Ledella ultima</i>			+	NFD	3,919	4,400	3,919
	+(12)		+(2)	NAM	2,900	5,042	4,750
			+	SUR	3,835	5,150	5,100
	+(2)			CVD	5,867	5,875	5,867
	+(2)	+	+	WEU	3,338	4,823	4,466
	+		+	SLE	2,891	3,828	3,828
	+(4)			ANG	2,031	4,630	4,566
		+(2)		CAP	4,560	5,280	4,560
<i>Portlandia minuta</i>	+			ANG	542	542	542
<i>Spinula filatovae</i>	+			GUI	1,261	1,261	1,261
			+	ANG	1,643	1,643	1,643
<i>Spinula subexisa</i>			+	GUI	1,261	1,261	1,261
<i>Yoldiella americana</i>		+	+(6)	NAM	3,834	5,042	4,970
		+(2)		SUR	4,429	5,150	5,100
<i>Yoldiella bilanta</i>	+(2)			CAP	622	2,864	2,154
<i>Yoldiella biscayensis</i>	+	+(3)	+	WEU	2,777	4,734	3,480
<i>Yoldiella blanda</i>		+(2)		ARG	3,916	5,223	4,435
<i>Yoldiella capensis</i>			+	CAP	622	1,014	1,014
<i>Yoldiella curta</i>		+(4)	+	NAM	811	2,178	1,470
		+		SUR	1,022	1,518	1,518
			+	BRA	827	1,007	827
		+	+(3)	WEU	1,500	2,503	2,081
			+	ANG	2,992	3,779	2,992

(continues)

(continued)

Species	Dominance			Basin	Depth (m)		Opt
	1	2	3		min	max	
<i>Yoldiella ella</i>		+		NFD	3,919	4,400	3,919
		+	+(6)	WEU	3,250	4,823	3,480
	+			SLE	3,828	3,861	3,861
<i>Yoldiella enata</i>		+		SUR	2,500	2,853	2,500
<i>Yoldiella extensa</i>	+			ARG	2,707	2,707	2,707
<i>Yoldiella frigida</i>			+	NAM	475	811	498
		+		WEU	609	609	609
<i>Yoldiella jeffreysi</i>	+			NFD	3,919	4,400	3,919
			+(2)	NAM	2,064	4,862	2,862
	+	+	+	SUR	2,853	4,980	3,868
		+(4)	+(4)	WEU	2,006	4,823	2,719
<i>Yoldiella inconspicua inconspicua</i>		+	+(4)	NAM	498	4,743	3,356
	+	+(3)	+(2)	WEU	1,739	4,462	2,397
<i>Yoldiella inconspicua africana</i>		+		ANG	2,031	2,031	2,031
			+(3)	CAP	2,154	2,864	2,864
<i>Yoldiella insculpta</i>	+	+(2)	+(3)	WEU	1,913	2,360	2,175
<i>Yoldiella lata</i>	+(7)	+(4)	+(2)	WEU	1,865	2,790	2,076
<i>Yoldiella lucida</i>	+(3)			NAM	475	498	478
<i>Yoldiella obesa incala</i>		+	+	WEU	1,913	2,813	2,091
<i>Yoldiella ovata</i>	+			SUR	2,500	2,853	2,500
<i>Yoldiella perplexa</i>			+	SUR	1,518	2,076	2,076
<i>Yoldiella pseudolata</i>		+	+	WEU	1,500	2,397	1,500
<i>Yoldiella robusta</i>	+			ARG	293	2323	293
<i>Yoldiella subcircularis</i>		+	+	NAM	4,694	5,007	5,007
			+	SUR	4,429	5,150	4,429
<i>Yoldiella subequilatera</i>			+	WEU	2,540	2,900	2,900
<i>Silicula filatovae</i>		+		ANG	2,992	4,630	2,992
<i>Malletia abyssorum</i>		+		NFD	4,400	4,793	4,400
	+(2)	+(7)	+(6)	NAM	2,864	5,042	4,833
	+			ARG	3,916	4,435	4,435
	+(6)	+	+	WEU	2,790	4,734	4,462
			+	SLE	3,828	3,861	3,861
			+	CAP	4,560	5,280	4,585
<i>Malletia cuneata</i>		+(3)	+	ARG	2,480	3,916	2,480
	+(3)	+(4)	+(6)	WEU	2,081	4,734	2,897
<i>Malletia johnsoni</i>	+(2)		+	NAM	478	3,834	2,496
		+	+	WEU	1,739	2,775	1,992
		+(2)		SLE	1,790	2,934	2,934
	+			ANG	2,031	3,985	3,985
<i>Malletia pallida</i>	+		+	NAM	3,834	5,007	5,007
		+		CVD	5,875	5,875	5,875
			+	SLE	2,357	2,934	2,357
			+	ANG	2,754	4,596	3,797
<i>Malletia polita</i>		+		NAM	4,750	4,750	3,753
	+(2)	+(2)		SUR	3,835	5,150	5,100
		+		CVD	5,867	5,867	5,867
<i>Bentharca asperula</i>	+	+	+(2)	NAM	2,223	4,970	3,860
			+	ANG	4,079	4,630	4,630
<i>Bathyarca inaequisculpta</i>	+	+	+	SUR	2,500	3,835	5,100
			+	ANG	2,031	4,630	4,566

(continues)

(continued)

Species	Dominance			Basin	Depth (m)		Opt
	1	2	3		min	max	
<i>Bathyarca pectunculoides</i>			+	NAM	196	1,153	1,153
			+	WEU	619	619	619
<i>Limopsis aurita</i>	+			WEU	609	619	609
<i>Limopsis cristata</i> agg.			+	NAM	478	2,178	2,022
			+	SUR	1,518	2,076	1,518
	+			WEU	1,015	1,500	1,500
<i>Limopsis galathea</i>	+(2)		+	SUR	3,835	4,980	4,980
		+		BRA	3,783	3,783	3,783
		+(3)	+	ANG	2,754	4,829	4,630
<i>Limopsis spicata</i>		+		ARG	2,048	2,480	2,048
<i>Limopsis surinamensis</i>		+		SUR	523	523	523
<i>Limopsis tenella</i>			+	BRA	3,495	3,783	3,783
		+(2)		SLE	3,828	3,861	3,861
				ANG	3,797	4,596	3,985
<i>Delectopecten vitreus</i>			+	WEU	485	485	485
<i>Delectopecten</i> sp. a	+			WEU	641	1,336	1,336
<i>Bathypecten</i> sp. d		+		ARG	1,679	1,679	1,679
<i>Parvamussium lucidum</i>			+	BRA	1,007	1,493	1,007
<i>Cyclopecten</i> sp. a		+		ARG	2,323	3,822	2,323
		+		WEU	3,338	4,435	4,435
<i>Cyclopecten</i> sp. zg			+	BRA	3,495	3,495	3,495
<i>Limatula laminifera</i>		+		NAM	1,153	3,356	1,153
<i>Limatula subovata</i>			+	ARG	2,707	2,707	2,707
<i>Limea lirata</i>	+			NAM	2,223	2,223	2,223
<i>Limea sarsi</i>	+			WEU	619	619	619
<i>Dacrydium abyssorum</i>	+(9)			WEU	3,992	4,823	4,228
			+	SLE	3,861	3,861	3,861
	+(2)			CAP	4,560	5,280	4,585
<i>Dacrydium angulare</i>			+	ANG	3,985	3,985	3,985
<i>Dacrydium ockelmanni</i>	+	+		NAM	1,102	2,223	1,254
			+	WEU	1,500	2,868	2,156
			+	CAN	1,934	2,129	1,934
			+	SLE	1,796	2,934	1,796
<i>Dacrydium sandersi</i>	+(3)		+	NAM	2,223	2,886	2,862
	+(2)	+		BRA	1,007	3,783	3,495
		+		WEU	2,775	3,548	3,548
<i>Thyasira alleni</i>			+	CAP	622	1559	622
<i>Thyasira brevis</i>	+			ARG	2,480	3,822	2,480
	+		+(2)	WEU	1,739	4,823	1,739
		+		CAP	2,864	2,864	2,864
<i>Thyasira carrozae</i>			+(2)	ARG	1,679	2,707	1,679
			+	ANG	542	1,432	1,432
	+(2)	+	+	CAP	481	1559	622
<i>Thyasira croulinensis</i>		+		WEU	119	3,859	641
		+		SLE	2,192	3,861	2,192
<i>Thyasira eumyaria</i>			+	WEU	641	1,739	641
<i>Thyasira ferruginea</i>		+	+	NAM	196	4,825	2,064
			+	ARG	293	4,435	293
			+	WEU	485	4,466	4,466
	+			SLE	1,976	2,934	2,095
	+			ANG	1,643	2,992	2,992

(continues)

(continued)

Species	Dominance			Basin	Depth (m)		Opt
	1	2	3		min	max	
<i>Thyasira incrassata</i>			+	WEU	2,100	2,813	2,325
<i>Thyasira inflata</i>	+			SUR	2,500	3,429	3,429
	+			ARG	3,343	3,916	3,343
			+	ANG	4,566	4,596	596
<i>Thyasira obsoleta</i>		+(2)		WEU	860	2,868	1,739
<i>Thyasira pygmaea</i>	+	+		NAM	475	1,470	530
	+			ARG	2,323	2,323	2,323
<i>Thyasira subovata subovata</i>		+(2)		WEU	2,081	4,254	2,494
<i>Thyasira succisa succisa</i>			+	WEU	619	1,950	1,336
<i>Thyasira succisa atlantica</i>	+			ANG	542	1,643	1,643
<i>Thyasira tortuosa</i>	+			ANG	1,432	1,643	1,432
<i>Thyasira transversa</i>		+	+(2)	NAM	3,806	4,853	4,833
			+(2)	SUR	523	5,100	5,100
	+			ARG	1,011	5,223	2,048
			+	WEU	860	860	860
		+		CAP	622	2,154	622
<i>Thyasira ultima</i>	+			SLE	1,796	2,357	2,192
		+		ANG	1,643	2,031	1,643
<i>Thyasira verrilli</i>			+	NAM	2,064	2,223	2,223
<i>Thyasira</i> sp. 2a		+		ARG	293	293	293
<i>Thyasira</i> sp. 17			+(2)	NAM	475	3,834	1,102
<i>Thyasira</i> sp. 21	+			ARG	4,402	4,402	4,402
<i>Carditid</i> sp. 2		+		WEU	119	485	485
<i>Astarte</i> sp. 1			+	NAM	119	530	478
<i>Astarte</i> sp. 2		+(2)		NAM	475	498	478
<i>Neolepton profundorum</i>		+(2)		ARG	1,011	2,707	1,011
<i>Kelliella atlantica</i>	+		+(2)	SUR	523	4,980	523
			+	CVD	5,867	5,867	5,867
	+	+		ARG	2,480	4,402	3,343
	+(7)	+(6)	+(3)	WEU	1,500	4,734	2,505
	+(2)			CAN	1,934	2,988	1,934
	+			SLE	1,976	2,357	2,357
	+(2)			ANG	542	4,596	2,031
	+			CAP	481	5,240	481
<i>Kelliella biscayensis</i>	+(4)			WEU	485	1,015	1,015
<i>Abra profundorum</i>		+		WEU	1,015	4,823	1,015
<i>Tellinid</i> sp. c		+		CAP	481	481	481
<i>Cuspidaria obesa</i>	+(3)			WEU	2,081	3,548	2,325
<i>Cuspidaria parva</i>		+		NAM	478	3,806	1,254
		+(2)		WEU	609	4,632	2,130
<i>Cuspidaria</i> sp. 1		+		SUR	3,868	5,100	3,868
<i>Cuspidaria</i> sp. 2		+		WEU	619	619	619
<i>Myonera atlantica</i>			+	CAP	4,560	4,585	4,560
<i>Myonera paucistriata</i>		+		SUR	1,022	1,022	1,022
<i>Myonera</i> sp.	+(2)			BRA	416	1,493	1,007
<i>Rhinoclama notabilis</i>			+	ARG	1,011	1,011	1,011
<i>Luzonia simplex</i>	+		+	WEU	1,894	2,430	1,894
	+			SLE	1,796	2,357	1,976
		+		ANG	542	2,031	542
		+		CAP	622	2,154	559

APPENDIX 3

List of living bivalves taken in epibenthic sledge samples from various deep-sea expeditions in the Atlantic arranged in depth sequence in each individual basin. The number of individuals and their percentage occurrence in each sample is given.

Sample	No. of Individuals	Occurrence in %
NEWFOUNDLAND BASIN		
Sta. 335, 3,919 m, 40°42.6'N, 46°30.0'W		
<i>Deminucula atacellana</i>	3	2.5
<i>Neilonella whoii</i>	5	4.1
<i>Ledella ultima</i>	22	18.2
<i>Yoldiella ella</i>	26	21.6
<i>Yoldiella jeffreysi</i>	28	23.1
<i>Yoldiella subcircularis</i>	2	1.7
<i>Limopsis galathea</i>	5	4.1
<i>Propeamussium</i> sp. a	1	0.8
<i>Thyasira ferruginea</i>	1	0.8
<i>Thyasira transversa</i>	17	14.1
<i>Abra profundorum</i>	2	1.7
<i>Poromya</i> sp. 335	1	0.8
<i>Protocuspidaria verityi</i>	1	0.8
<i>Cuspidaria parva</i>	1	0.8
<i>Cuspidaria</i> sp. j	1	0.8
<i>Myonera atlantica</i>	2	1.7
<i>Rhinoclama notabilis</i>	2	1.7
<i>Incerte cedis</i> sp. 335	1	0.8
Sta. 334, 4,400 m, 40°42.6'N, 46°13.8'W		
<i>Pristigloma alba</i>	1	0.1
<i>Pristigloma nitens</i>	3	0.3
<i>Microgloma pusilla</i>	17	1.8
<i>Deminucula atacellana</i>	173	17.8
<i>Neilonella whoii</i>	3	0.3
<i>Ledella ultima</i>	121	12.5
<i>Yoldiella americana</i>	102	10.5
<i>Yoldiella dissimilis</i>	23	2.4
<i>Yoldiella ella</i>	76	7.8
<i>Yoldiella enata</i>	6	0.6
<i>Yoldiella inconspicua inconspicua</i>	28	2.9
<i>Yoldiella jeffreysi</i>	80	8.3
<i>Yoldiella subcircularis</i>	8	0.8
<i>Silicula filatovae</i>	2	0.2
<i>Malletia abyssorum</i>	121	12.5
<i>Malletia cuneata</i>	9	0.9
<i>Malletia polita</i>	7	0.7
<i>Hyalopecten</i> sp. a	6	0.6
<i>Parvamussium</i> sp. z	10	1.0
<i>Bathypecten eucymatus</i>	4	0.4
<i>Thyasira brevis</i>	6	0.6
<i>Thyasira equalis</i>	1	0.1

(continues)

(continued)

Sample	No. of Individuals	Occurrence in %
<i>Thyasira transversa</i>	32	3.3
<i>Thyasira</i> sp. 15	9	0.9
<i>Thyasira</i> sp. 334	4	0.4
<i>Montacuta</i> sp. 1	1	0.1
<i>Mysella verrilli</i>	48	5.0
<i>Abra profundorum</i>	20	2.1
<i>Poromya</i> sp. 335	1	0.1
<i>Protocuspidaria verityi</i>	3	0.3
<i>Cuspidaria inflata</i>	17	1.8
<i>Cuspidaria parva</i>	3	0.3
<i>Cuspidaria</i> sp. 334	58	6.3
<i>Halonympha atlanta</i>	5	0.5
<i>Myonera atlantica</i>	3	0.3
<i>Incerte cedis</i> sp. 3	1	0.1
<i>Incerte cedis</i> sp. 314	2	0.2
<i>Incerte cedis</i> sp. 334 a	1	0.1
<i>Incerte cedis</i> sp. 334 b	2	0.2
Sta. 331, 4,793 m, 41°13.0'N, 41°36.7'W		
<i>Pristigloma nitens</i>	1	1.6
<i>Yoldiella americana</i>	10	16.4
<i>Yoldiella subcircularis</i>	3	4.9
<i>Malletia abyssorum</i>	21	34.4
<i>Malletia polita</i>	2	3.3
<i>Dacrydium abyssorum</i>	2	3.3
<i>Limatula louiseae</i>	3	4.9
<i>Limatula</i> sp. 3	8	13.1
<i>Thyasira transversa</i>	2	3.3
<i>Astarte triangularis</i>	1	1.6
<i>Abra profundorum</i>	5	8.2
<i>Rhinoclama notabilis</i>	3	4.9
NORTH AMERICA BASIN		
Sta. 170, 68 m, 40°37.0', 70°50.0'W		
<i>Placopecten magellanicus</i>	72	20.1
<i>Periploma papyracea</i>	286	79.7
<i>Lucinoma filosa</i>	1	0.3
Sta. 172, 119 m, 40°12.3'N, 70°44.7'W		
<i>Nuculana acuta</i>	7	23.3
<i>Thyasira trisinuta</i>	2	66.7
<i>Carditidae</i> sp. 1	2	6.7
<i>Astarte</i> sp. 1	1	3.3
Sta. 89, 196 m, 40°01.6'N, 70°40.7'W		
<i>Nuculoidea bushae</i>	1	0.9
<i>Nuculana acuta</i>	3	2.7
<i>Malletia</i> sp.	1	0.9
<i>Bathyarca pectunculoides</i>	33	29.7
<i>Dacrydium vitreum</i>	1	0.9
<i>Thyasira croulinensis</i>	25	22.5
<i>Thyasira ferruginea</i>	31	27.9
<i>Thyasira obsoleta</i>	1	0.9

(continues)

(continued)

Sample	No. of Individuals	Occurrence in %
<i>Mysella</i> sp. 1	1	0.9
<i>Mysella</i> sp. 2	2	1.8
<i>Cuspidaria</i> sp. f	4	3.6
<i>Cardiomya knudseni</i>	7	6.3
Sta. 346, 475 m, 39°54.1'N, 70°10.7'W		
<i>Nuculoidea bushae</i>	4	0.3
<i>Nuculoma similis</i>	265	22.2
<i>Yoldiella frigida</i>	43	3.6
<i>Yoldiella lucida</i>	285	23.9
<i>Dacrydium vitreum</i>	4	0.3
<i>Cyclopecten pustulosus</i>	5	0.4
<i>Thyasira croulinensis</i>	3	0.3
<i>Thyasira ferruginea</i>	17	1.4
<i>Thyasira obsoleta</i>	1	0.08
<i>Thyasira pygmaea</i>	236	19.8
<i>Thyasira succisa atlantica</i>	8	0.7
<i>Thyasira transversa</i>	1	0.08
<i>Thyasira</i> sp. 15	16	1.3
<i>Thyasira</i> sp. 17	1	0.08
<i>Thyasira</i> sp. 346 a	1	0.08
<i>Thyasira</i> sp. 346 b	1	0.08
<i>Thyasira</i> sp. 346 c	2	0.2
<i>Astarte</i> sp. 2	215	18.0
<i>Abra longicallis</i>	4	0.3
<i>Thracia conradi</i>	1	0.08
<i>Laevicardia horrida</i>	24	2.0
<i>Cuspidaria parva</i>	27	2.3
<i>Cuspidaria</i> sp. a	4	0.3
<i>Cuspidaria</i> sp. k	3	0.3
<i>Cuspidaria</i> sp. 346	6	0.5
<i>Lyonsiella abyssicola</i>	3	0.3
<i>Lyonsiella perplexa</i>	10	0.8
<i>Incerte cedis</i> sp. 346	4	0.3
Sta. 88, 478 m, 39°54.1'N, 70°37.0'W		
<i>Nuculoma similis</i>	35	3.7
<i>Nuculana acuta</i>	1	0.1
<i>Yoldiella lucida</i>	288	30.3
<i>Malletia johnsoni</i>	1	0.1
<i>Bathyarca glacialis</i>	1	0.1
<i>Bathyarca pectunculoides</i>	3	0.3
<i>Limopsis cristata</i> agg.	107	11.2
<i>Dacrydium vitreum</i>	34	3.6
<i>Cyclopecten pustulosus</i>	3	0.3
<i>Thyasira croulinensis</i>	28	3.0
<i>Thyasira equalis</i>	5	0.5
<i>Thyasira ferruginea</i>	41	4.3
<i>Thyasira pygmaea</i>	26	2.7
<i>Thyasira</i> sp. 17	2	0.2
<i>Astarte</i> sp. 1	108	11.3
<i>Astarte</i> sp. 2	173	18.2

(continues)

(continued)

Sample	No. of Individuals	Occurrence in %
<i>Kelliella atlantica</i>	1	0.1
<i>Kelliella elongata</i>	3	0.3
<i>Thracia nitida</i>	1	0.1
<i>Verticordia</i> sp. 88	2	0.2
<i>Laevicordia horrida</i>	1	0.1
<i>Cuspidaria atlantica</i>	2	0.2
<i>Cuspidaria parva</i>	73	7.7
<i>Lyonsiella abyssicola</i>	14	1.5
<i>Incerte cedis</i>	1	0.1
Sta. 96, 498 m, 39°55.2'N, 70°39.5'W		
<i>Nuculoma similis</i>	86	10.9
<i>Yoldiella frigida</i>	120	15.3
<i>Yoldiella inconspicua inconspicua</i>	1	0.1
<i>Yoldiella lucida</i>	185	23.5
<i>Bathyarca pectunculoides</i>	1	0.1
<i>Limopsis aurita</i>	2	0.3
<i>Limopsis cristata</i> agg.	60	7.6
<i>Thyasira croulinensis</i>	14	1.8
<i>Thyasira ferruginea</i>	45	5.7
<i>Thyasira pygmaea</i>	62	7.9
<i>Mysella</i> sp. 1	1	0.1
<i>Mysella</i> sp. 2	1	0.1
<i>Kelliella elongata</i>	2	0.3
<i>Astarte</i> sp. 2	138	17.5
<i>Cuspidaria atlantica</i>	3	0.4
<i>Cuspidaria parva</i>	39	5.0
<i>Cuspidaria</i> sp. (broken)	1	0.1
<i>Lyonsiella abyssicola</i>	21	2.5
Sta. 105, 530 m, 39°56.6'N, 71°03.6'W		
<i>Deminucula atacellana</i>	6	0.4
<i>Nuculoidea bushae</i>	235	15.0
<i>Nuculoma granulosa</i>	232	14.8
<i>Yoldiella frigida</i>	129	8.2
<i>Yoldiella lucida</i>	126	8.1
<i>Malletia johnsoni</i>	3	0.2
<i>Bathyarca pectunculoides</i>	3	0.2
<i>Thyasira croulinensis</i>	37	2.4
<i>Thyasira equalis</i>	117	7.4
<i>Thyasira pygmaea</i>	459	29.2
<i>Thyasira subovata subovata</i>	1	0.06
<i>Astarte</i> sp. 1	149	9.5
<i>Kelliella concentrica</i>	5	0.3
<i>Lyonsia</i> sp. 1	1	0.06
<i>Cuspidaria atlantica</i>	1	0.06
<i>Cuspidaria parva</i>	51	3.3
<i>Lyonsiella abyssicola</i>	19	1.2
Sta. 207, 811 m, 39°51.3'N, 70°54.3'W		
<i>Solemya acherax</i>	7	0.2
<i>Nuculoma granulosa</i>	61	1.4

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Sample	No. of Individuals	Occurrence in %
<i>Nuculoma similis</i>	1348	31.6
<i>Yoldiella curta</i>	239	5.6
<i>Yoldiella frigida</i>	153	3.6
<i>Yoldiella lucida</i>	264	6.2
<i>Bathyarca pectunculoides</i>	6	0.1
<i>Limopsis cristata affinis</i>	11	0.3
<i>Limatula subovata</i>	41	1
<i>Thyasira equalis</i>	311	7.3
<i>Thyasira ferruginea</i>	488	11.4
<i>Thyasira obsoleta</i>	216	5.1
<i>Thyasira pygmaea</i>	1053	24.07
<i>Thyasira tortuosa</i>	20	0.5
<i>Thyasira</i> sp. 17	3	0.07
<i>Thyasira</i> sp. 45	62	1.5
<i>Kelliella concentrica</i>	2	0.05
<i>Cuspidaria</i> sp. f	1	0.02
Sta. 87, 1,102 m, 39°48.7'N, 70°40.8'W		
<i>Solemya grandis</i>	24	0.9
<i>Deminucula atacellana</i>	48	1.8
<i>Nuculoma granulosa</i>	844	31.7
<i>Nuculoma similis</i>	270	10.1
<i>Neilonella salicensis</i>	6	0.2
<i>Yoldiella curta</i>	354	13.3
<i>Yoldiella inconspicua inconspicua</i>	18	0.7
<i>Limopsis cristata affinis</i>	173	6.5
<i>Dacrydium ockelmanni</i>	16	0.6
<i>Limatula subovata</i>	207	7.8
<i>Bathypecten eucymatus</i>	100	3.8
<i>Thyasira croulinensis</i>	10	0.4
<i>Thyasira equalis</i>	18	0.7
<i>Thyasira ferruginea</i>	7	0.3
<i>Thyasira obsoleta</i>	92	3.5
<i>Thyasira pygmaea</i>	11	0.4
<i>Thyasira subovata subovata</i>	10	0.4
<i>Thyasira tortuosa</i>	33	1.2
<i>Thyasira</i> sp. 1	5	0.2
<i>Thyasira</i> sp. 2 a	5	0.2
<i>Thyasira</i> sp. 15	120	4.5
<i>Thyasira</i> sp. 17	215	8.1
<i>Thracia conradi</i>	4	0.2
<i>Policordia densicostata</i>	7	0.3
<i>Cuspidaria obesa</i>	3	0.1
<i>Cuspidaria parva</i>	121	4.5
<i>Lyonsiella abyssicola</i>	52	2.0
<i>Lyonsiella fragilis</i>	1	0.04
Sta. 118, 1,153 m, 32°19.4'N, 64°34.9'W		
<i>Neilonella salicensis</i>	1	0.6
<i>Phaseolus</i> sp. d	1	0.6
<i>Yoldiella enata</i>	20	12.7
<i>Malletia johnsoni</i>	31	19.6

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Sample	No. of Individuals	Occurrence in %
<i>Bathyarca pectunculoides</i>	24	15.2
<i>Dacrydium sandersi</i>	5	3.2
<i>Dacrydium wareni</i>	1	0.6
<i>Limatula laminifera</i>	26	16.5
<i>Parvamussium</i> sp. q	10	6.3
<i>Cyclopecten simplex</i>	1	0.6
<i>Cyclopecten</i> sp. ze	2	1.3
<i>Thyasira equalis</i>	4	2.5
<i>Thyasira succisa atlantica</i>	7	4.4
<i>Thyasira</i> sp. 1	1	0.6
<i>Thyasira</i> sp. 2 a	2	1.3
<i>Thyasira</i> sp. 17	1	0.6
<i>Thyasira</i> sp.	11	8.2
<i>Corbula</i> sp. 1	1	0.6
<i>Protocuspidaria atlantica</i>	1	0.6
<i>Protocuspidaria verityi</i>	1	0.6
<i>Cuspidaria rostrata</i>	1	0.6
<i>Cardiomya curta</i>	1	0.6
<i>Myonera atlantica</i>	14	8.2
<i>Myonera demistriata</i>	1	0.6
<i>Lyonsiella abyssicola</i>	2	1.3
Sta. 73, 1,470 m, 39°46.5'N, 70°43.3'W		
<i>Solemya grandis</i>	2	0.04
<i>Deminucula atacellana</i>	361	7.9
<i>Nuculoma granulosa</i>	1143	25.0
<i>Nuculoma similis</i>	270	5.9
<i>Neilonella salicensis</i>	497	10.9
<i>Ledella parva</i>	1	0.02
<i>Yoldiella curta</i>	699	15.3
<i>Yoldiella inconspicua inconspicua</i>	1	0.02
<i>Malletia johnsoni</i>	341	7.5
<i>Limopsis cristata affinis</i>	297	6.5
<i>Dacrydium ockelmanni</i>	90	2.0
<i>Dacrydium wareni</i>	2	0.04
<i>Limatula laminifera</i>	1	0.02
<i>Limatula subovata</i>	111	2.4
<i>Bathypecten eucymatus</i>	100	2.2
<i>Thyasira croulinensis</i>	40	0.9
<i>Thyasira equalis</i>	5	0.1
<i>Thyasira ferruginea</i>	136	3.0
<i>Thyasira pygmaea</i>	5	0.1
<i>Thyasira tortuosa</i>	4	0.09
<i>Thyasira</i> sp. 15	40	0.9
<i>Thyasira</i> sp. 17	362	7.9
<i>Policordia densicostata</i>	1	0.02
<i>Cuspidaria parva</i>	57	1.2
<i>Lyonsiella abyssicola</i>	10	0.2
<i>Lyonsiella fragilis</i>	6	0.1
Sta. 128, 1,254 m, 39°46.5'N, 70°45.2'W		
<i>Deminucula atacellana</i>	12	4.9

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Nuculoma granulosa</i>	5	2.1
<i>Nuculoma similis</i>	27	11.1
<i>Neilonella salicensis</i>	12	7.4
<i>Yoldiella curta</i>	8	3.3
<i>Yoldiella obesa obesa</i>	11	4.5
<i>Malletia johnsoni</i>	19	7.8
<i>Limatula subovata</i>	11	4.5
<i>Dacrydium ockelmanni</i>	38	15.6
<i>Bathypecten eucymatus</i>	3	1.2
<i>Thyasira croulinensis</i>	5	2.1
<i>Thyasira equalis</i>	22	9.1
<i>Thyasira ferruginea</i>	3	1.2
<i>Thyasira</i> sp. 1	2	0.8
<i>Thyasira</i> sp. 2a	2	0.8
<i>Thyasira</i> sp. 3	2	0.8
<i>Thyasira</i> sp. 47 b	1	0.4
<i>Thyasira</i> sp. 128	1	0.4
<i>Mysella verrilli</i>	2	0.8
<i>Mysella</i> sp. 2	2	0.8
<i>Policordia densicostata</i>	3	1.2
<i>Policordia</i> sp. 128	8	3.3
<i>Cuspidaria parva</i>	30	12.4
<i>Cuspidaria jeffreysi</i>	1	0.4
<i>Lyonsiella abyssicola</i>	6	2.5
<i>Lyonsiella fragilis</i>	1	0.4
Sta. 103, 2,022 m, 39°43.6'N, 70°37.4'W		
<i>Pristigloma nitens</i>	1	0.02
<i>Deminucula atacellana</i>	4459	79.8
<i>Nuculoma granulosa</i>	6	0.1
<i>Nuculoma similis</i>	2	0.04
<i>Neilonella salicensis</i>	217	3.9
<i>Ledella sublevis</i>	4	0.07
<i>Yoldiella curta</i>	303	5.4
<i>Yoldiella obesa obesa</i>	28	0.5
<i>Malletia johnsoni</i>	185	3.3
<i>Limopsis cristata affinis</i>	189	3.4
<i>Dacrydium ockelmanni</i>	10	0.02
<i>Bathypecten</i> sp. a	8	0.1
<i>Limatula subovata</i>	25	0.5
<i>Thyasira brevis</i>	1	0.02
<i>Thyasira equalis</i>	1	0.02
<i>Thyasira tortuosa</i>	4	0.07
<i>Thyasira</i> sp. 17	7	0.1
<i>Thracia nitida</i>	1	0.02
<i>Thracia myopsis</i>	1	0.02
<i>Policordia insoleta</i>	2	0.04
<i>Cuspidaria jeffreysi</i>	1	0.02
<i>Cuspidaria parva</i>	95	1.7
<i>Lyonsiella abyssicola</i>	48	0.9

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Sample	No. of Individuals	Occurrence in %
Sta. 115, 2,051 m, 39°39.2'N, 70°24.5'W		
<i>Deminucula atacellana</i>	2133	66
<i>Neilonella salicensis</i>	249	7.7
<i>Ledella sublevis</i>	2	0.06
<i>Yoldiella curta</i>	249	7.7
<i>Yoldiella obesa obesa</i>	50	1.6
<i>Malletia johnsoni</i>	125	3.9
<i>Limopsis cristata</i> agg.	3	0.1
Mytilidae sp. 115	1	0.03
<i>Dacrydium ockelmanni</i>	501	0.6
<i>Limatula subovata</i>	92	2.9
Pectinidae sp. b	1	0.03
<i>Bathypecten eucymatus</i>	712	0.2
<i>Thyasira croulinensis</i>	12	0.4
<i>Thyasira ferruginea</i>	15	0.5
<i>Thyasira tortuosa</i>	3	0.1
<i>Thyasira</i> sp. 15	62	1.9
<i>Mysella verrilli</i>	24	0.7
<i>Abra profundorum</i>	1	0.03
<i>Policordia insoleta</i>	28	0.9
<i>Poromya tornata</i>	1	0.03
<i>Cuspidaria parva</i>	29	0.9
<i>Cuspidaria</i> sp.	2	0.06
<i>Rhinoclama halimera</i>	3	0.1
<i>Lyonsiella formosa</i>	1	0.03
<i>Lyonsiella fragilis</i>	3	0.1
<i>Lyonsiella smidti</i>	1	0.03
<i>Incerte cedis</i> sp. 1 a	21	0.7
<i>Incerte cedis</i> sp. 115	1	0.03
Sta. 210, 2,064 m, 39°43.0'N, 70°46.0'W		
<i>Deminucula atacellana</i>	410	39.8
<i>Nuculoma granulosa</i>	6	0.6
<i>Nuculoma similis</i>	1	0.1
<i>Neilonella salicensis</i>	48	4.7
<i>Ledella ultima</i>	1	0.1
<i>Spinula hilleri</i>	5	0.5
<i>Yoldiella curta</i>	4	0.4
<i>Yoldiella jeffreysi</i>	1	0.1
<i>Yoldiella obesa obesa</i>	11	1.1
<i>Malletia johnsoni</i>	22	2.1
<i>Limopsis cristata</i> agg.	4	0.4
<i>Dacrydium ockelmanni</i>	817	9.0
<i>Limatula subovata</i>	15	1.5
<i>Limatula</i> sp. 3	30	2.9
<i>Bathypecten eucymatus</i>	716	0.9
<i>Propeamussium</i> sp.	4	0.4
<i>Thyasira brevis</i>	1	0.1
<i>Thyasira carrozae</i>	1	0.1
<i>Thyasira croulinensis</i>	35	3.4
<i>Thyasira equalis</i>	12	1.1

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Thyasira ferruginea</i>	81	7.9
<i>Thyasira obsoleta</i>	2	0.2
<i>Thyasira platyssima</i>	2	0.2
<i>Thyasira tortuosa</i>	36	3.5
<i>Thyasira verrilli</i>	1	0.1
<i>Thyasira</i> sp. 15	80	7.8
<i>Thyasira</i> sp. 17	3	0.3
<i>Thyasira</i> sp. 210	4	0.4
Tellinidae sp. b	1	0.1
<i>Verticordia</i> sp.	1	0.1
<i>Laevicordia</i> sp.	2	0.2
<i>Cuspidaria atlantica</i>	1	0.1
<i>Cuspidaria obesa</i>	1	0.1
<i>Cuspidaria parva</i>	14	1.4
<i>Cuspidaria</i> sp. 2	1	0.1
<i>Rhinoclama halimera</i>	3	0.3
<i>Lyonsiella abyssicola</i>	2	0.2
<i>Lyonsiella perplexa</i>	2	0.2
Sta. 131, 2,178 m, 39°38.5'N, 70°36.5'W		
<i>Pristigloma alba</i>	2	0.1
<i>Pristigloma nitens</i>	5	0.3
<i>Deminucula atacellana</i>	1022	70.0
<i>Nuculoma granulosa</i>	1	0.07
<i>Neilonella salicensis</i>	119	8.2
<i>Ledella sublevis</i>	22	1.5
<i>Yoldiella curta</i>	53	3.6
<i>Yoldiella obesa obesa</i>	51	3.5
<i>Malletia johnsoni</i>	39	2.7
<i>Limopsis cristata affinis</i>	14	1.0
<i>Limatula subovata</i>	12	0.8
<i>Bathypecten eucymatus</i>	342	0.3
<i>Thyasira croulinensis</i>	1	0.07
<i>Thyasira ferruginea</i>	31	2.1
<i>Thyasira</i> sp. 15	6	0.4
<i>Mysella verrilli</i>	3	0.2
<i>Verticordia quadrata</i>	1	0.07
<i>Verticordia triangularis</i>	3	0.2
<i>Policordia atlantica</i>	2	0.1
<i>Policordia insoleta</i>	8	0.6
<i>Cuspidaria barnardi</i>	2	0.1
<i>Cuspidaria parva</i>	20	1.4
<i>Lyonsiella abyssicola</i>	6	0.4
<i>Incerte cedis</i> sp. 1 a	2	0.1
<i>Incerte cedis</i> sp. 131	1	0.07
Sta. 119, 2,223 m 32°15.8'N, 32°16.1'W		
<i>Brevinucula verrilli</i>	11	2.4
<i>Phaseolus</i> sp. b	2	0.4
<i>Malletia johnsoni</i>	23	5.0
<i>Bentharca asperula</i>	70	15.3
<i>Dacrydium ockelmanni</i>	245	2.0

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Sample	No. of Individuals	Occurrence in %
<i>Dacrydium sandersi</i>	32	7.0
<i>Limea lirata</i>	189	41.3
<i>Cyclopecten</i> sp. zf	1	0.2
<i>Thyasira inflata</i>	26	5.7
<i>Thyasira succisa atlantica</i>	1	0.2
<i>Thyasira verrilli</i>	41	9.0
<i>Thyasira</i> sp. 8 a	5	1.1
<i>Thyasira</i> sp. 45	6	1.3
<i>Verticordia quadrata</i>	2	0.4
<i>Cuspidaria</i> sp.	20	4.4
<i>Myonera paucistriata</i>	1	0.2
<i>Myonera</i> sp.	1	0.2
<i>Incerte cedis</i> sp. 119	3	0.7
Sta. 62, 2,496 m, 39°26.0'N, 70°33.0'W		
<i>Deminucula atacellana</i>	82	21.4
<i>Neilonella salicensis</i>	13	3.4
<i>Lametila abyssorum</i>	2	0.5
<i>Ledella sublevis</i>	3	0.8
<i>Yoldiella fabula</i>	4	1.0
<i>Yoldiella inconspicua inconspicua</i>	25	6.5
<i>Yoldiella obesa obesa</i>	6	1.6
<i>Malletia johnsoni</i>	140	36.5
<i>Dacrydium sandersi</i>	69	18.0
<i>Thyasira</i> sp. 15	38	9.9
<i>Cuspidaria parva</i>	1	0.3
<i>Myonera demistriata</i>	1	0.3
Sta. 66, 2,802 m 38°46.7'N, 70°08.8'W		
<i>Pristigloma nitens</i>	3	7.5
<i>Yoldiella ella</i>	1	2.5
<i>Yoldiella inconspicua inconspicua</i>	1	2.5
<i>Silicula filatovae</i>	1	2.5
<i>Malletia cuneata</i>	1	2.5
<i>Malletia johnsoni</i>	3	7.5
<i>Thyasira croulinensis</i>	4	10.0
<i>Thyasira ferruginea</i>	2	5.0
<i>Mysella</i> sp. 1	1	2.5
<i>Kelliella nitida</i>	13	32.5
<i>Cuspidaria curta</i>	1	2.5
<i>Cardiomya costellata</i>	1	2.5
<i>Cardiomya knudseni</i>	1	2.5
<i>Rhinoclama notabilis</i>	1	2.5
<i>Tropidomya abbreviata</i>	1	2.5
<i>Halongympha atlantica</i>	1	2.5
<i>Halongympha depressa</i>	2	5.0
<i>Myonera demistriata</i>	2	5.0
Sta. 76, 2,862 m, 39°38.3'N, 67°57.8'W		
<i>Pristigloma nitens</i>	4	1.5
<i>Deminucula atacellana</i>	1	0.4
<i>Neilonella whoii</i>	3	1.2

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Sample	No. of Individuals	Occurrence in %
<i>Ledella sublevis</i>	10	3.9
<i>Yoldiella ella</i>	1	0.4
<i>Yoldiella inconspicua inconspicua</i>	53	20.5
<i>Yoldiella jeffreysi</i>	32	12.4
<i>Limopsis tenella</i>	2	0.8
<i>Dacrydium sandersi</i>	133	51.4
<i>Thyasira brevis</i>	5	1.9
<i>Thyasira croulinensis</i>	2	0.8
<i>Thyasira equalis</i>	1	0.4
<i>Thyasira ferruginea</i>	2	0.8
<i>Kelliella atlantica</i>	2	0.8
<i>Polycordia jeffreysi</i>	1	0.4
<i>Laevicordia horrida</i>	4	1.5
<i>Lyonsiella perplexa</i>	3	1.2
Sta. 72, 2,864 m, 38°16.0'N, 71°47.0'W		
<i>Pristigloma alba</i>	2	0.5
<i>Pristigloma nitens</i>	6	1.5
<i>Neilonella whoii</i>	9	2.3
<i>Lametila abyssorum</i>	19	4.5
<i>Ledella sublevis</i>	6	1.5
<i>Yoldiella ella</i>	1	0.3
<i>Yoldiella fabula</i>	2	0.5
<i>Yoldiella inconspicua inconspicua</i>	120	30.2
<i>Yoldiella jeffreysi</i>	6	1.5
<i>Yoldiella obesa obesa</i>	11	2.8
<i>Malletia abyssorum</i>	9	2.3
<i>Malletia cuneata</i>	1	0.3
<i>Malletia johnsoni</i>	53	13.4
<i>Dacrydium sandersi</i>	132	33.3
<i>Thyasira croulinensis</i>	3	0.8
<i>Thyasira ferruginea</i>	9	2.3
<i>Thyasira</i> sp. 15	1	0.3
<i>Thyasira</i> sp. 72	2	0.5
<i>Laevicordia horrida</i>	1	0.3
<i>Cardiomya knudseni</i>	3	0.8
<i>Halonympha atlanta</i>	1	0.3
<i>Incerte cedis</i> sp. 72	1	0.3
Sta. 64, 2,886 m, 38°46.0'N, 70°06.0'W		
<i>Pristigloma alba</i>	11	2.2
<i>Deminucula atacellana</i>	1	0.2
<i>Brevinucula verrilli</i>	12	2.3
<i>Neilonella salicensis</i>	2	0.4
<i>Prelametila clarkei</i>	60	11.7
<i>Ledella sublevis</i>	7	1.4
<i>Yoldiella fabula</i>	1	0.2
<i>Yoldiella inconspicua inconspicua</i>	80	15.3
<i>Yoldiella jeffreysi</i>	7	1.4
<i>Yoldiella obesa obesa</i>	8	1.6
<i>Silicula fragilis</i>	1	0.2
<i>Malletia abyssorum</i>	5	1.0

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Malletia cuneata</i>	6	1.2
<i>Malletia johnsoni</i>	53	10.4
<i>Limopsis tenella</i>	3	0.6
<i>Dacrydium sandersi</i>	175	34.2
<i>Axinus grandis</i>	1	0.2
<i>Thyasira brevis</i>	22	4.3
<i>Thyasira croulinensis</i>	9	1.8
<i>Thyasira ferruginea</i>	1	0.2
<i>Mysella verrilli</i>	4	0.8
<i>Kelliella nitida</i>	7	1.4
<i>Thracia nitida</i>	1	0.2
<i>Laevicardia horrida</i>	2	0.4
<i>Cuspidaria inflata</i>	1	0.2
<i>Cardiomya knudseni</i>	3	0.6
<i>Myonera demistriata</i>	24	4.7
<i>Halonympha atlanta</i>	4	0.8
<i>Incerte cedis</i> sp. 64	1	0.2
Sta. 112, 2,900 m, 38°50.4'N, 69°54.7'W		
<i>Pristigloma nitens</i>	2	33.3
<i>Ledella ultima</i>	1	16.7
<i>Thyasira brevis</i>	1	16.7
<i>Thyasira</i> sp. 15	2	33.3
Sta. 340, 3,356 m, 38°14.4'N, 70°20.3'W		
<i>Deminucula atacellana</i>	25	6.4
<i>Neilonella whoii</i>	95	24.4
<i>Ledella sublevis</i>	15	3.9
<i>Ledella ultima</i>	14	3.6
<i>Yoldiella ella</i>	16	4.1
<i>Yoldiella fabula</i>	1	0.3
<i>Yoldiella inconspicua inconspicua</i>	95	24.4
<i>Yoldiella jeffreysi</i>	13	3.3
<i>Malletia abyssorum</i>	65	16.7
<i>Malletia cuneata</i>	43	11
<i>Bentharca asperula</i>	3	0.8
<i>Limatula laminifera</i>	1v	0.3
<i>Limatula louiseae</i>	1v	0.3
<i>Poromya tornata</i>	2	0.5
<i>Myonera demistriata</i>	1	0.3
Sta. 95, 3,753 m, 38°33.0'N, 68°32.0'W		
<i>Pristigloma alba</i>	4	1.3
<i>Tindaria callistiformis</i>	3	0.9
<i>Tindaria miniscula</i>	21	6.6
<i>Ledella sublevis</i>	1	0.3
<i>Ledella ultima</i>	195	60.9
<i>Yoldiella fabula</i>	3	0.9
<i>Yoldiella inconspicua inconspicua</i>	3	0.9
<i>Yoldiella obesa obesa</i>	3	0.9
<i>Malletia polita</i>	59	18.4
<i>Hyalopecten</i> sp. a	1	0.3

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Parvamussium</i> sp. z	4	1.3
<i>Thyasira brevis</i>	12	3.8
<i>Thyasira ferruginea</i>	2	0.6
<i>Thyasira</i> sp. 15	4	0.9
<i>Policordia densicostata</i>	1	0.3
<i>Cuspidaria</i> sp. (shell dissolved)	2	0.6
<i>Myonera demistriata</i>	1	0.3
<i>Incerte cedis</i> sp. 95	1	0.3
Sta. 77, 3,806 m, 38°00.7'N, 69°16.0'W		
<i>Solemya grandis</i>	6	0.2
<i>Deminucula atacellana</i>	54	1.8
<i>Brevinucula verrilli</i>	11	0.4
<i>Tindaria callistiformis</i>	622	20.3
<i>Neilonella whoii</i>	753	24.5
<i>Ledella ultima</i>	1423	46.3
<i>Yoldiella ella</i>	4	0.1
<i>Yoldiella fabula</i>	1	0.03
<i>Yoldiella jeffreysi</i>	109	3.6
<i>Malletia abyssorum</i>	10	0.3
<i>Malletia cuneata</i>	6	0.2
<i>Bathyarca inaequisculpta</i>	1	0.03
<i>Limopsis galathea</i>	11	0.4
<i>Limopsis tenella</i>	56	1.8
<i>Poromya tornata</i>	1	0.03
<i>Verticordia triangularis</i>	4	0.1
Sta. 126, 3,806 m, 39°37.0'N, 66°47.0'W		
<i>Pristigloma alba</i>	2	0.2
<i>Pristigloma nitens</i>	4	0.3
<i>Deminucula atacellana</i>	3	0.3
<i>Lametila abyssorum</i>	6	0.5
<i>Ledella sublevis</i>	8	0.7
<i>Ledella ultima</i>	56	4.8
<i>Yoldiella dissimilis</i>	8	0.7
<i>Yoldiella ella</i>	4	0.3
<i>Yoldiella inconspicua inconspicua</i>	14	1.2
<i>Yoldiella jeffreysi</i>	138	11.8
<i>Silicula fragilis</i>	41	3.5
<i>Malletia abyssorum</i>	139	11.9
<i>Bentharca asperula</i>	504	43.0
<i>Bathyarca inaequisculpta</i>	10	0.9
<i>Limopsis galathea</i>	1	0.1
<i>Limopsis tenella</i>	42	3.6
<i>Hyalopecten undatus</i>	61	5.2
<i>Parvamussium</i> sp. d	13	1.1
<i>Thyasira ferruginea</i>	6	0.5
<i>Thyasira transversa</i>	54	4.6
<i>Mysella</i> sp. 1	1	0.1
<i>Policordia gemma</i>	5	0.4
<i>Policordia insoleta</i>	9	0.8
<i>Cuspidaria parva</i>	28	2.4

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Cuspidaria</i> sp. 126	1	0.1
<i>Cardiomya knudseni</i>	1	0.1
<i>Cardiomya</i> sp.	1	0.1
<i>Myonera octoporosa</i>	2	0.2
<i>Bidentaria atlantica</i>	2	0.2
<i>Myonera paucistriata</i>	1	0.1
<i>Lyonsiella abyssicola</i>	5	0.4
<i>Lyonsiella fragilis</i>	1	0.1
Sta. 78, 3,828 m, 38°00.8'N, 69°18.7'W		
<i>Pristigloma nitens</i>	4	0.4
<i>Deminucula atacellana</i>	12	1.2
<i>Brevinucula verrilli</i>	6	0.6
<i>Tindaria callistiformis</i>	18	1.8
<i>Neilonella whoii</i>	199	20.4
<i>Ledella ultima</i>	250	25.6
<i>Yoldiella ella</i>	11	1.1
<i>Yoldiella fabula</i>	6	0.6
<i>Yoldiella inconspicua inconspicua</i>	3	0.3
<i>Yoldiella jeffreysi</i>	62	6.3
<i>Silicula filatovae</i>	10	1.0
<i>Malletia abyssorum</i>	144	14.7
<i>Malletia cuneata</i>	64	6.8
<i>Limopsis galathea</i>	1	0.1
<i>Limopsis tenella</i>	15	1.5
<i>Thyasira brevis</i>	3	0.3
<i>Kelliella nitida</i>	1	0.1
<i>Verticordia triangularis</i>	5	0.5
<i>Policordia gemma</i>	1	0.1
Sta. 85, 3,834 m, 37°59.2'N, 69°26.2'W		
<i>Pristigloma alba</i>	4	0.06
<i>Pristigloma nitens</i>	4	0.06
<i>Deminucula atacellana</i>	69	1.1
<i>Brevinucula verrilli</i>	21	0.3
<i>Tindaria callistiformis</i>	882	13.8
<i>Neilonella whoii</i>	1150	18.0
<i>Pseudotindaria erebus</i>	1	0.02
<i>Lametila abyssorum</i>	60	0.9
<i>Ledella aberrenta</i>	1	0.02
<i>Ledella sublevis</i>	3	0.05
<i>Ledella ultima</i>	1045	16.4
<i>Yoldiella americana</i>	6	0.09
<i>Yoldiella ella</i>	12	0.2
<i>Yoldiella fabula</i>	13	0.2
<i>Yoldiella inconspicua inconspicua</i>	32	0.5
<i>Yoldiella jeffreysi</i>	413	6.5
<i>Silicula filatovae</i>	55	0.9
<i>Silicula fragilis</i>	39	0.6
<i>Malletia abyssorum</i>	1475	23.1
<i>Malletia cuneata</i>	789	12.4
<i>Malletia johnsoni</i>	2	0.03

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Malletia pallida</i>	2	0.03
<i>Bathyarca inaequisculpta</i>	5	0.08
<i>Limopsis galathea</i>	16	0.3
<i>Limopsis tenella</i>	53	0.8
<i>Dacrydium abyssorum</i>	8	0.1
<i>Limatula margaretae</i>	1	0.02
<i>Parvamussium</i> sp. z	40	0.6
<i>Thyasira brevis</i>	4	0.06
<i>Thyasira transversa</i>	12	0.2
<i>Thyasira</i> sp. 17	7	0.1
<i>Montacuta</i> sp. 1	5	0.08
<i>Kelliella nitida</i>	1	0.02
<i>Verticordia quadrata</i>	1	0.02
<i>Verticordia triangularis</i>	26	0.4
<i>Policordia gemma</i>	76	1.2
<i>Myonera angularis</i>	2	0.03
<i>Myonera octoporosa</i>	11	0.2
<i>Lyonsiella smidti</i>	2	0.03
Sta. 175, 4,693 m, 36°36.0'N, 68°29.0'W		
<i>Pristigloma alba</i>	6	0.8
<i>Pristigloma nitens</i>	2	0.3
<i>Tindaria callistiformis</i>	1	0.1
<i>Ledella ultima</i>	387	54.4
<i>Yoldiella americana</i>	145	20.4
<i>Yoldiella jeffreysi</i>	53	7.4
<i>Malletia abyssorum</i>	81	11.4
<i>Malletia cuneata</i>	4	0.6
<i>Malletia pallida</i>	5	0.7
<i>Limopsis galathea</i>	10	1.4
<i>Hyalopecten</i> sp. a	2	0.3
<i>Thyasira ferruginea</i>	16	2.3
Sta. 70, 4,680 m, 36°23.0'N, 67°58.0'W		
<i>Pristigloma nitens</i>	4	0.3
<i>Ledella sublevis</i>	1	0.07
<i>Ledella ultima</i>	1086	77.0
<i>Yoldiella americana</i>	190	13.5
<i>Yoldiella fabula</i>	1	0.07
<i>Malletia abyssorum</i>	26	1.8
<i>Malletia cuneata</i>	8	0.6
<i>Bentharca asperula</i>	30	2.1
<i>Limopsis galathea</i>	26	1.8
<i>Dacrydium abyssorum</i>	3	0.2
<i>Thyasira brevis</i>	22	1.6
<i>Thyasira</i> sp. 40	2	0.1
<i>Kelliella nitida</i>	7	0.5
<i>Cuspidaria</i> sp.	2	0.1
<i>Myonera atlantica</i>	1	0.03
<i>Myonera octoporosa</i>	3	0.2

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Sample	No. of Individuals	Occurrence in %
Sta. 92, 4,694 m, 36°20.0'N, 67°56.0'W		
<i>Ledella ultima</i>	209	67.9
<i>Yoldiella americana</i>	3	1.0
<i>Yoldiella fabula</i>	1	0.3
<i>Yoldiella subcircularis</i>	2	0.7
<i>Malletia abyssorum</i>	37	12.0
<i>Malletia cuneata</i>	2	0.7
<i>Bentharca asperula</i>	31	10.1
<i>Limopsis galathea</i>	11	3.6
<i>Hyalopecten</i> sp. a	1	0.3
<i>Myonera octoporosa</i>	2	0.7
<i>Incerte cedis</i> sp. 1 a	9	2.9
Sta. 108, 4,739 m, 36°24.0'N, 68°04.8'W		
<i>Ledella ultima</i>	7	87.5
<i>Limopsis galathea</i>	1	12.5
Sta. 101, 4,740 m, 36°24.2'N, 68°01.3'W		
<i>Ledella ultima</i>	303	98.1
<i>Yoldiella americana</i>	6	1.9
Sta. 100, 4,743 m, 33°56.8'N, 65°47.0'W		
<i>Yoldiella americana</i>	2	10.0
<i>Yoldiella inconspicua inconspicua</i>	7	35.0
<i>Yoldiella subcircularis</i>	1	5.0
<i>Limatula louiseae</i>	1	5.0
<i>Hyalopecten</i> sp. a	2	10.0
<i>Astarte</i> sp.	6	30.0
<i>Incerte cedis</i> sp. 100	1	5.0
Sta. 109, 4,750 m, 36°25.0'N, 68°06.0'W		
<i>Pristigloma nitens</i>	3	0.5
<i>Ledella ultima</i>	538	88.8
<i>Yoldiella americana</i>	49	8.1
<i>Malletia abyssorum</i>	12	2.0
<i>Malletia polita</i>	2	0.3
<i>Mysella</i> sp. 1	2	0.3
Sta. 84, 4,794 m, 36°24.4'N, 67°56.0'W		
<i>Pristigloma nitens</i>	4	0.2
<i>Brevinucula verrilli</i>	7	0.4
<i>Tindaria callistiformis</i>	1	0.06
<i>Tindaria perrieri</i>	1	0.06
<i>Ledella ultima</i>	752	42.8
<i>Yoldiella americana</i>	255	14.5
<i>Yoldiella fabula</i>	4	0.2
<i>Yoldiella jeffreysi</i>	16	0.9
<i>Yoldiella subcircularis</i>	1	0.06
<i>Silicula filatovae</i>	7	0.4
<i>Malletia abyssorum</i>	256	14.6
<i>Malletia cuneata</i>	3	0.2
<i>Malletia pallida</i>	6	0.3
<i>Bentharca asperula</i>	17	10.1
<i>Limopsis galathea</i>	196	11.1

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Sample	No. of Individuals	Occurrence in %
<i>Dacrydium abyssorum</i>	5	0.3
<i>Thyasira robusta</i>	2	0.1
<i>Thyasira transversa</i>	3	0.2
<i>Thyasira</i> sp. 9	3	0.2
<i>Kelliella nitida</i>	7	0.4
<i>Cuspidaria undata</i>	1	0.06
<i>Cuspidaria</i> sp.	1	0.06
<i>Myonera octoporosa</i>	17	1.0
<i>Myonera</i> sp.	32	1.8
<i>Edentaria simplis</i>	2	0.1
Sta. 121, 4,800 m, 35°50.0'N, 65°11.0'W		
<i>Pristigloma alba</i>	3	0.5
<i>Pristigloma nitens</i>	3	0.5
<i>Tindaria callistiformis</i>	2	0.3
<i>Ledella ultima</i>	327	49.2
<i>Ledella</i> sp.	1	0.2
<i>Spinula</i> sp.	1	0.2
<i>Yoldiella americana</i>	66	9.9
<i>Malletia abyssorum</i>	178	26.8
<i>Malletia pallida</i>	7	1.1
<i>Thyasira transversa</i>	72	10.8
<i>Epilepton elpis</i>	1	0.2
<i>Myonera octoporosa</i>	3	0.5
<i>Incerte cedis</i> sp. 121	1	0.2
Sta. 125, 4,825 m, 37°24.0'N, 65°54.0'W		
<i>Pristigloma alba</i>	1	0.1
<i>Ledella ultima</i>	498	53.7
<i>Yoldiella americana</i>	37	4.0
<i>Yoldiella fabula</i>	1	0.1
<i>Silicula filatovae</i>	1	0.1
<i>Malletia abyssorum</i>	284	30.6
<i>Malletia pallida</i>	26	2.8
<i>Limopsis galathea</i>	1	0.1
<i>Thyasira ferruginea</i>	8	0.9
<i>Thyasira transversa</i>	67	7.2
<i>Abra profundorum</i>	1	0.1
<i>Cuspidaria</i> sp.	1	0.1
<i>Myonera octoporosa</i>	1	0.1
<i>Edentaria simplis</i>	2	0.2
Sta. 122, 4,833 m, 35°50.0'N, 64°57.5'W		
<i>Pristigloma alba</i>	10	1.8
<i>Pristigloma nitens</i>	3	0.5
<i>Tindaria callistiformis</i>	3	0.5
<i>Ledella ultima</i>	108	19.1
<i>Yoldiella americana</i>	25	4.4
<i>Yoldiella subcircularis</i>	2	0.4
<i>Malletia abyssorum</i>	199	35.2
<i>Malletia pallida</i>	2	2.1
<i>Thyasira transversa</i>	195	34.5
<i>Epilepton elpis</i>	9	1.6

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Myonera octoporosa</i>	1	0.2
<i>Incerte cedis</i> sp. 121	7	1.2
<i>Incerte cedis</i> sp. 122	2	0.4
Sta. 123, 4,853 m, 37°29.0'N, 64°14.0'W		
<i>Pristigloma nitens</i>	2	0.4
<i>Tindaria callistiformis</i>	1	0.2
<i>Ledella ultima</i>	377	67.4
<i>Ledella</i> sp.	1	0.2
<i>Spinula</i> sp.	1	0.2
<i>Yoldiella americana</i>	94	16.8
<i>Yoldiella jeffreysi</i>	4	0.7
<i>Malletia abyssorum</i>	69	12.3
<i>Thyasira brevis</i>	10	1.8
Sta. 124, 4,862 m, 37°26.0'N, 63°59.5'W		
<i>Tindaria callistiformis</i>	2	0.6
<i>Neilonella whoii</i>	1	0.3
<i>Ledella ultima</i>	179	55.4
<i>Yoldiella americana</i>	76	23.5
<i>Yoldiella jeffreysi</i>	1	0.3
<i>Malletia abyssorum</i>	37	11.5
<i>Malletia pallida</i>	3	0.9
<i>Thyasira atlantica</i>	2	0.6
<i>Thyasira transversa</i>	4	1.2
<i>Abra profundorum</i>	20	6.2
Sta. 80, 4,970 m, 34°49.8'N, 66°34.0'W		
<i>Neilonella whoii</i>	1	0.4
<i>Ledella ultima</i>	5	2.1
<i>Yoldiella americana</i>	80	33.6
<i>Yoldiella subcircularis</i>	45	18.9
<i>Silicula filatovae</i>	9	3.8
<i>Malletia abyssorum</i>	21	8.8
<i>Malletia pallida</i>	71	29.8
<i>Bentharca asperula</i>	1	0.4
<i>Dacrydium abyssorum</i>	1	0.4
<i>Abra profundorum</i>	5	2.1
Sta. 98, 4,977 m, 34°45.5'N, 66°30.5'W		
<i>Yoldiella subcircularis</i>	1	25.0
<i>Malletia polita</i>	1	25.0
<i>Thyasira</i> sp. 98	1	25.0
<i>Verticordia</i> sp. 98	1	25.0
Sta. 99, 4,977 m, 34°43.0'N, 66°23.3'W		
<i>Tindaria callistiformis</i>	1	5.3
<i>Yoldiella subcircularis</i>	4	21.1
<i>Silicula filatovae</i>	1	5.3
<i>Malletia polita</i>	13	68.4
Sta. 83, 5,000 m, 34°46.5'N, 66°30.0'W		
<i>Ledella</i> sp.	1	2.0
<i>Spinula</i> sp.	1	2.0
<i>Yoldiella americana</i>	4	7.8

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Yoldiella similirus</i>	2	3.9
<i>Silicula mcalesteri</i>	2	3.9
<i>Malletia abyssorum</i>	8	15.7
<i>Malletia pallida</i>	3	5.9
<i>Limopsis galathea</i>	20	39.2
<i>Dacrydium abyssorum</i>	2	3.9
<i>Abra profundorum</i>	2	3.9
<i>Cuspidaria</i> sp.	3	5.9
<i>Myonera octoporosa</i>	2	3.8
<i>Lyonsiella smidti</i>	1	2.0
Sta. 93, 5,007 m, 34°39.0'N, 66°26.0'W		
<i>Ledella ultima</i>	1	1.0
<i>Yoldiella americana</i>	6	5.8
<i>Yoldiella subcircularis</i>	23	22.3
<i>Silicula filatovae</i>	1	1.0
<i>Malletia abyssorum</i>	17	16.5
<i>Malletia pallida</i>	51	49.5
<i>Bentharca asperula</i>	2	1.9
<i>Dacrydium abyssorum</i>	1	1.0
<i>Lyonsiella smidti</i>	1	1.0
Sta. 120, 5,023 m, 34°43.0'N, 66°32.8'W		
<i>Cuspidaria atlantica</i>	1	100.0
Sta. 81, 5,042 m, 34°41.0'N, 66°28.0'W		
<i>Tindaria callistiformis</i>	1	1.3
<i>Ledella ultima</i>	3	3.8
<i>Yoldiella americana</i>	9	11.3
<i>Yoldiella similirus</i>	14	17.5
<i>Silicula mcalesteri</i>	2	2.5
<i>Malletia abyssorum</i>	1	23.8
<i>Limopsis galathea</i>	32	40.0
SURINAM BASIN		
Sta. 297, 523 m, 07°45.3'N, 54°24.0'W		
<i>Solemya</i> sp. 293	1	0.05
<i>Pristigloma</i> sp. a	36	1.7
<i>Nuculoma elongata</i>	8	0.4
<i>Neilonella salicensis</i>	194	9.1
<i>Malletia grasslei</i>	158	7.4
<i>Malletia malita</i>	4	0.2
<i>Malletia surinamensis</i>	9	0.4
<i>Limopsis surinamensis</i>	428	20.1
<i>Limatula celtica</i>	100	4.7
<i>Propeamussium</i> sp. c	7	0.4
<i>Cyclopecten simplex</i>	22	1.0
<i>Cyclopecten</i> sp. c	19	0.9
<i>Myrtea lens</i>	29	1.4
<i>Thyasira croulinensis</i>	17	0.8
<i>Thyasira ferruginea</i>	49	2.3
<i>Malletia succisa atlantica</i>	5	0.2
<i>Thyasira transversa</i>	3	0.1

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Thyasira</i> sp. 15	12	0.6
<i>Thyasira</i> sp. 297	1	0.05
<i>Abra profundorum</i>	4	0.2
Tellinidae sp. a	1	0.05
<i>Kelliella atlantica</i>	820	38.4
<i>Kelliella elongata</i>	1	0.05
<i>Thracia durouchouxi</i>	1	0.05
<i>Policordia</i> sp. 297	4	0.2
<i>Cuspidaria parva</i>	149	7.0
<i>Cuspidaria</i> sp. p	5	0.2
<i>Cuspidaria</i> sp. q	3	0.1
<i>Cardiomya costellata</i>	17	0.8
<i>Myonera paucistriata</i>	6	0.3
Sta. 295, 1,022 m, 08°04.2'N, 54°21.3'W		
<i>Solemya</i> sp.	1	0.04
<i>Pristigloma</i> sp. a	58	2.1
<i>Microgloma</i> sp. s	189	6.9
<i>Nuculoidea bushae</i>	28	1.0
<i>Neilonella salicensis</i>	1575	57.3
<i>Ledella acinula</i>	55	2.1
<i>Yoldiella biguttata</i>	2	0.07
<i>Yoldiella curta</i>	25	0.9
<i>Malletia grasslei</i>	13	0.5
<i>Malletia malita</i>	20	0.7
<i>Malletia surinamensis</i>	40	1.5
<i>Limopsis cristata intermedia</i>	37	1.4
<i>Parvamussium lucidum</i>	1	0.04
<i>Propeamussium</i> sp. c	3	0.1
<i>Cyclopecten pustulosus</i>	32	1.2
<i>Thyasira croulinensis</i>	28	1.0
<i>Thyasira equalis</i>	3	0.1
<i>Thyasira ferruginea</i>	30	1.1
<i>Thyasira succisa atlantica</i>	72	2.6
<i>Thyasira</i> sp. 2 c	5	0.2
<i>Thyasira</i> sp. 4	2	0.07
<i>Thyasira</i> sp. 17	1	0.04
Tellinidae sp. a	1	0.04
<i>Kelliella atlantica</i>	245	8.9
<i>Poromya</i> sp.	1	0.04
<i>Cuspidaria atlantica</i>	5	0.2
<i>Cuspidaria parva</i>	1	0.04
<i>Myonera paucistriata</i>	254	9.2
<i>Cuspidaria</i> sp.	24	0.9
Sta. 293, 1,518 m, 08°58.0'N, 54°04.3'W		
<i>Solemya</i> sp. 293	2	0.6
<i>Pristigloma</i> sp. a	4	1.1
<i>Microgloma</i> sp. s	151	41.9
<i>Deminucula atacellana</i>	9	2.5
<i>Nuculoidea pernambucensis</i>	23	6.3
<i>Neilonella salicensis</i>	2	0.6

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Tindariopsis agatheda</i>	14	3.9
<i>Ledella acinula</i>	4	1.1
<i>Ledella jamesi</i>	2	0.6
<i>Yoldiella biguttata</i>	13	3.6
<i>Yoldiella curta</i>	49	13.5
<i>Yoldiella fabula</i>	6	1.7
<i>Yoldiella perplexa</i>	22	6.0
<i>Portlandia</i> sp.	4	1.1
<i>Malletia malita</i>	2	0.6
<i>Limopsis cristata intermedia</i>	44	12.1
<i>Limatula margaretae</i>	9	2.5
<i>Propeamussium</i> sp. a	1	0.3
<i>Kelliella adamsi</i>	1	0.3
<i>Kelliella atlantica</i>	20	5.5
Sta. 299, 2,076 m, 07°55.1'N, 55°42.0'W		
<i>Microgloma yongei</i>	17	1.5
<i>Microgloma</i> sp. s	75	6.6
<i>Deminucula atacellana</i>	2	0.2
<i>Brevinucula verrilli</i>	2	0.2
<i>Neilonella salicensis</i>	1	0.1
<i>Tindariopsis aeolata</i>	4	0.4
<i>Tindariopsis agatheda</i>	8	0.6
<i>Tindariopsis</i> sp.	3	0.3
<i>Ledella acinula</i>	108	9.5
<i>Ledella jamesi</i>	566	49.6
<i>Ledella solidula</i>	3	0.3
<i>Yoldiella biguttata</i>	74	6.5
<i>Yoldiella perplexa</i>	82	7.2
<i>Yoldiella sinuosa</i>	54	4.7
<i>Portlandia</i> sp.	2	0.2
<i>Limatula louiseae</i>	1	0.1
<i>Bathypecten</i> sp. a	7	0.6
<i>Limopsis cristata intermedia</i>	1	0.1
<i>Thyasira ferruginea</i>	4	0.4
<i>Thyasira succisa atlantica</i>	2	0.2
<i>Thyasira transversa</i>	4	0.4
<i>Thyasira verrilli</i>	36	3.2
<i>Thyasira</i> sp. 4	1	0.1
<i>Thyasira</i> sp. 17	1	0.1
<i>Thyasira</i> sp. 30	1	0.1
<i>Thyasira</i> sp. 299	7	0.6
<i>Kelliella atlantica</i>	72	6.3
<i>Abra profundorum</i>	1	0.1
<i>Abra</i> sp.	3	0.3
<i>Cuspidaria</i> sp. L	1	0.1
<i>Incerte cedis</i> sp. 299	1	0.1
Sta. 301, 2,500 m, 08°12.4'N, 55°50.2'W		
<i>Microgloma yongei</i>	136	13.7
<i>Microgloma</i> sp. s	48	4.9
<i>Deminucula atacellana</i>	12	1.2

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Brevinucula verrilli</i>	18	1.8
<i>Neilonella whoii</i>	23	2.3
<i>Tindariopsis agatheda</i>	7	0.7
<i>Tindariopsis aeoleta</i>	5	0.5
<i>Ledella jamesi</i>	51	5.2
<i>Spinula subexisa</i>	2	0.2
<i>Yoldiella biguttata</i>	44	4.4
<i>Yoldiella enata</i>	175	17.7
<i>Yoldiella ovata</i>	324	32.7
<i>Bathyarca inaequisculpta</i>	20	2.0
<i>Parvamussium obliquum</i>	8	0.8
<i>Thyasira ferruginea</i>	1	0.1
<i>Thyasira inflata</i>	25	2.5
<i>Thyasira succisa atlantica</i>	13	1.3
<i>Thyasira verrilli</i>	15	1.5
<i>Thyasira</i> sp. 45	1	0.1
<i>Epilepton</i> sp. 21	2	0.2
<i>Mysella verrilli</i>	2	0.2
<i>Abra profundorum</i>	37	3.7
<i>Kelliella abyssicola</i>	19	1.9
<i>Poromya</i> sp. 301	1	0.1
<i>Incerte cedis</i> sp. 301	3	0.3
Sta. 303, 2,853 m, 08°28.8'N, 56°04.5'W		
<i>Solemya</i> sp.	1	0.1
<i>Microgloma turnerae</i>	1	0.1
<i>Microgloma yongei</i>	163	24.0
<i>Microgloma</i> sp. s	5	0.7
<i>Deminucula atacellana</i>	7	1.0
<i>Nuculoma granulosa</i>	1	0.1
<i>Brevinucula verrilli</i>	9	1.3
<i>Tindaria miniscula</i>	1	0.1
<i>Neilonella whoii</i>	8	1.2
<i>Prelametila clarkei</i>	2	0.3
<i>Ledella jamesi</i>	268	39.5
<i>Yoldiella biguttata</i>	4	0.6
<i>Yoldiella ella</i>	12	1.8
<i>Yoldiella enata</i>	23	3.4
<i>Yoldiella fabula</i>	2	0.3
<i>Yoldiella frigida</i>	1	0.1
<i>Yoldiella jeffreysi</i>	7	1.0
<i>Yoldiella ovata</i>	22	3.2
<i>Bathyarca inaequisculpta</i>	58	8.6
<i>Limopsis surinamensis</i>	5	0.7
<i>Limatula margaretae</i>	3	0.4
<i>Parvamussium lucidum</i>	1	0.1
<i>Propeamussium</i> sp. c	1	0.1
<i>Thyasira transversa</i>	2	0.3
<i>Abra profundorum</i>	2	0.3
<i>Kelliella abyssicola</i>	5	0.7
<i>Kelliella atlantica</i>	64	9.4
<i>Cuspidaria obesa</i>	1	0.1

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Sample	No. of Individuals	Occurrence in %
Sta. 306 3,429 m, 09°31.1'N, 56°20.6'W		
<i>Pristigloma nitens</i>	2	0.9
<i>Brevinucula verrilli</i>	27	11.8
<i>Neilonella whoii</i>	1	0.4
<i>Spinula hilleri</i>	5	2.2
<i>Yoldiella jeffreysi</i>	38	16.7
<i>Bathyarca inaequisculpta</i>	41	18.0
<i>Dacrydium abyssorum</i>	2	0.9
<i>Propeamussium</i> sp. c	4	1.8
<i>Thyasira biscayensis</i>	1	0.4
<i>Thyasira inflata</i>	93	40.8
<i>Thyasira</i> sp. 306	1	0.4
<i>Abra profundorum</i>	1	0.4
<i>Kelliella abyssicola</i>	11	4.8
<i>Verticordia quadrata</i>	1	0.4
<i>Laevicordia horrida</i>	2	0.9
<i>Myonera atlantica</i>	3	1.3
Sta. 307, 3,835 m, 12°35.4'N, 58°59.3'W		
<i>Solemya</i> sp.	1	0.6
<i>Tindaria callistiformis</i>	1	0.6
<i>Neilonella salicensis</i>	2	1.2
<i>Neilonella whoii</i>	15	9.2
<i>Pseudotindaria erebus</i>	22	13.4
<i>Ledella ultima</i>	6	3.7
<i>Spinula scheltemae</i>	10	6.1
<i>Yoldiella jeffreysi</i>	30	18.3
<i>Malletia polita</i>	1	0.6
<i>Bathyarca inaequisculpta</i>	48	29.3
<i>Limopsis galathea</i>	26	15.9
<i>Kelliella atlantica</i>	2	1.2
Sta. 291, 3,868 m, 10°06.1'N, 55°14.0'W		
<i>Brevinucula verrilli</i>	10	1.9
<i>Neilonella whoii</i>	43	8.2
<i>Yoldiella fabula</i>	1	0.2
<i>Yoldiella jeffreysi</i>	155	29.4
<i>Portlandia</i> sp.	3	0.6
<i>Bentharca asperula</i>	1	0.2
<i>Bathyarca inaequisculpta</i>	1	0.2
<i>Bathyarca pectunculoides</i>	1	0.2
<i>Limopsis surinamensis</i>	5	1.0
<i>Dacrydium hedleyi</i>	24	4.6
<i>Halopecten undatus</i>	1	0.2
<i>Parvamussium</i> sp. q	2	0.4
<i>Bathypecten eucymatus</i>	6	1.2
<i>Thyasira pygmaea</i>	1	0.2
<i>Thyasira tortuosa</i>	1	0.2
<i>Thyasira transversa</i>	54	10.3
<i>Thyasira</i> sp. 1	11	2.1
<i>Thyasira</i> sp. 15	1	0.2
<i>Abra profundorum</i>	30	5.7

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Sample	No. of Individuals	Occurrence in %
<i>Kelliella abyssicola</i>	4	0.8
<i>Verticordia quadrata</i>	5	1.0
<i>Verticordia</i> sp.	2	0.4
<i>Laevicordia horrida</i>	7	1.3
<i>Poromya granulata</i>	1	0.2
<i>Cuspidaria</i> sp. a	4	0.8
<i>Cuspidaria</i> sp. 1	131	24.9
<i>Cuspidaria</i> sp. 2	4	0.8
<i>Tropidomya abbreviata</i>	8	1.5
<i>Lyonsiella smidti</i>	2	0.4
<i>Incerte cedis</i> sp. 291 a	3	0.6
<i>Incerte cedis</i> sp. 291 b	5	1.0
Sta. 288, 4,429 m, 11°02.2'N, 55°05.5'W		
<i>Tindaria callistiformis</i>	13	2.4
<i>Neilonella whoii</i>	19	3.6
<i>Pseudotindaria erebus</i>	9	1.7
<i>Ledella ultima</i>	51	9.6
<i>Yoldiella americana</i>	45	8.4
<i>Yoldiella jeffreysi</i>	31	5.8
<i>Yoldiella subcircularis</i>	4	8.3
<i>Malletia polita</i>	71	13.3
<i>Bathyarca inaequisculpta</i>	44	8.3
<i>Limopsis galathea</i>	111	20.8
<i>Dacrydium abyssorum</i>	14	2.6
<i>Dacrydium hedleyi</i>	9	1.7
<i>Propeamussium thalassinum</i>	1	0.2
<i>Thyasira tortuosa</i>	4	0.8
<i>Thyasira</i> sp. 1	1	0.2
<i>Thyasira</i> sp. 2 a	4	0.8
<i>Thyasira</i> sp. 3	1	0.2
<i>Kelliella atlantica</i>	61	11.4
Sta. 287, 4,980 m 13°16.0'N, 54°52.2'W		
<i>Tindaria callistiformis</i>	10	0.7
<i>Neilonella whoii</i>	72	5.1
<i>Pseudotindaria erebus</i>	87	6.2
<i>Ledella ultima</i>	84	6.0
<i>Spinula scheltemae</i>	1	0.1
<i>Yoldiella americana</i>	12	0.9
<i>Yoldiella jeffreysi</i>	5	0.4
<i>Yoldiella subcircularis</i>	5	0.4
<i>Malletia abyssorum</i>	5	0.4
<i>Malletia polita</i>	180	12.8
<i>Bathyarca inaequisculpta</i>	108	7.7
<i>Limopsis galathea</i>	621	44.0
<i>Dacrydium abyssorum</i>	27	1.9
<i>Dacrydium hedleyi</i>	2	0.1
<i>Cyclopecten pustulosus</i>	3	0.2
<i>Cyclopecten</i> sp. ze	1	0.1
<i>Thyasira transversa</i>	14	1.0
<i>Abra profundorum</i>	30	2.1

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Sample	No. of Individuals	Occurrence in %
<i>Kelliella atlantica</i>	135	9.6
<i>Cuspidaria</i> sp.	2	0.1
<i>Cardiomya</i> sp.	1	0.1
<i>Myonera atlantica</i>	1	0.1
<i>Myonera</i> sp.	5	0.4
Sta. Biovema DS01, 5,097 m 10°57.2'N, 45°07.6'W		
<i>Pristigloma alba</i>	1	25.0
<i>Ledella ultima</i>	1	25.0
<i>Malletia polita</i>	2	50.0
Sta. Biovema DS04, 5,100 m 10°46.3'N, 42°41.4'W		
<i>Pristigloma alba</i>	5	3.6
<i>Tindaria callistiformis</i>	1	0.7
<i>Neilonella whoii</i>	1	0.7
<i>Ledella ultima</i>	18	13
<i>Silicula filatovae</i>	1	0.7
<i>Yoldiella americana</i>	32	23.0
<i>Malletia abyssorum</i>	5	3.6
<i>Malletia polita</i>	49	35.3
<i>Limopsis cristata</i> agg.	1	0.7
<i>Dacrydium</i> sp.	2	1.4
<i>Limatula louseae</i>	2	1.4
<i>Thyasira</i> sp. 1	5	3.6
<i>Thyasira</i> sp. 2	15	10.8
<i>Cuspidaria</i> sp.	1	0.7
<i>Incerte cedis</i>	1	0.7
Sta. Biovema DS05, 5,100 m, 10°46.0'N, 42°40.3'W		
<i>Pristigloma nitens</i>	1	0.7
<i>Neilonella whoii</i>	3	2.0
<i>Ledella ultima</i>	32	21.1
<i>Silicula filatovae</i>	18	11.8
<i>Yoldiella americana</i>	43	28.3
<i>Yoldiella subcircularis</i>	6	4.0
<i>Malletia polita</i>	66	43.4
<i>Bathyarca inaequisculpta</i>	1	0.7
<i>Limatula louseae</i>	10	6.6
<i>Thyasira transversa</i>	38	25.0
<i>Mysella</i> sp.	1	0.7
<i>Kelliella elongata</i>	3	2.0
Sta. Biovema DS03, 5,150 m, 10°47.1'N, 42°40.7'W		
<i>Neilonella hampsoni</i>	1	2.3
<i>Ledella ultima</i>	21	47.7
<i>Yoldiella americana</i>	3	6.8
<i>Yoldiella subcircularis</i>	1	2.3
<i>Malletia abyssorum</i>	5	11.4
<i>Malletia polita</i>	13	29.6

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Sample	No. of Individuals	Occurrence in %
CAPE VERDE BASIN		
Sta. Biovema DS11, 5,867 m, 11°37.5'N, 32°53.8'W		
<i>Ledella ultima</i>	89	53.9
<i>Spinula hilleri</i>	2	1.2
<i>Yoldiella curta</i>	2	1.2
<i>Malletia polita</i>	64	38.8
<i>Thyasira transversa</i>	4	2.4
<i>Kelliella atlantica</i>	4	2.4
Sta. Biovema DS09, 5,875 m, 11°36.4'N, 32°51.8'W		
<i>Ledella ultima</i>	57	42.9
<i>Spinula</i> sp.	2	1.5
<i>Yoldiella curta</i>	1	0.8
<i>Malletia pallida</i>	35	26.3
<i>Limopsis</i> sp.	1	0.8
<i>Thyasira subovata</i>	2	1.5
<i>Kelliella</i> sp.	35	26.3
Sta. Biovema DS10, 5,875 m, 11°36.8'N, 32 °52.5'W		
<i>Ledella ultima</i>	1	100.0
BRAZIL BASIN		
Sta. 168, 416 m, 07°50.0'S, 34°28.0'W		
<i>Propeamussium</i> sp.	1	2.9
<i>Thracia</i> sp.	2	5.7
<i>Myonera</i> sp.	32	91.4
Sta. 169, 827 m, 08°03.0'S, 34°23.0'W		
<i>Nuculoidea pernambucensis</i>	12	11.8
<i>Yoldiella curta</i>	6	5.9
<i>Dacrydium sandersi</i>	81	79.4
<i>Protocuspidaria verityi</i>	1	1.0
<i>Lyonsiella subquadrata</i>	2	2.0
Sta. 167, 1,007 m, 07°58.0'S, 34°17'W		
<i>Microgloma</i> sp. s	5	2.4
<i>Nuculoidea pernambucensis</i>	4	1.9
<i>Brevinucula subtrangularis</i>	31	14.8
<i>Tindariopsis agatheda</i>	1	0.5
<i>Ledella acinula</i>	1	0.5
<i>Ledella oxira</i>	2	1.0
<i>Yoldiella biguttata</i>	5	2.4
<i>Yoldiella curta</i>	4	1.9
<i>Dacrydium sandersi</i>	39	18.7
<i>Parvamussium lucidum</i>	20	9.6
<i>Parvamussium</i> sp. a	1	0.5
<i>Bathypecten</i> sp. a	2	1.0
<i>Axinodon symmetros</i>	1	0.5
<i>Policordia laevis</i>	1	0.5
<i>Protocuspidaria verityi</i>	3	1.4

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Sample	No. of Individuals	Occurrence in %
<i>Cuspidaria parva</i>	4	1.9
<i>Cuspidaria</i> sp.	1	0.5
<i>Myonera</i> sp.	70	33.5
<i>Lyonsiella subquadrata</i>	4	1.9
Sta. 162, 1,493 m, 08°02.0'S, 34°03.0'W		
<i>Neilonella corpulenta</i>	1	2.9
<i>Ledella oxira</i>	1	2.9
<i>Parvamussium lucidum</i>	2	5.7
<i>Cuspidaria circinata</i>	1	2.9
<i>Myonera</i> sp.	30	85.7
Sta. 156, 3,495 m, 00°46.0'S, 29°28.0'W		
<i>Pristigloma alba</i>	2	0.4
<i>Pristigloma nitens</i>	2	0.4
<i>Nuculoma callicredemna</i>	1	0.2
<i>Pseudotindaria erebus</i>	2	0.4
<i>Lametila abyssorum</i>	42	7.4
<i>Ledella ultima</i>	1	0.2
<i>Spinula hilleri</i>	8	1.4
<i>Yoldiella ella</i>	4	0.7
<i>Bentharca asperula</i>	4	0.7
<i>Limopsis tenella</i>	5	0.9
<i>Dacrydium sandersi</i>	396	69.4
<i>Limatula louiseae</i>	1	0.2
<i>Hyalopecten</i> sp. e	4	0.7
<i>Parvamussium</i> sp. a	2	0.4
<i>Bathypecten</i> sp. a	12	2.1
<i>Cyclopecten</i> sp. zg	40	7.0
<i>Thyasira transversa</i>	2	0.4
<i>Thyasira</i> sp. 8 a	14	2.5
<i>Cuspidaria parva</i>	2	0.4
<i>Cuspidaria</i> sp.	3	0.5
<i>Rhinoclama notabilis</i>	1	0.2
<i>Myonera octoporosa</i>	1	0.2
<i>Myonera</i> sp. 1	1	0.2
<i>Myonera</i> sp. 2	8	1.4
<i>Poromya tornata</i>	1	0.2
<i>Verticordia quadrata</i>	1	0.2
<i>Policordia gemma</i>	1	0.2
<i>Poromya</i> sp.	1	0.2
<i>Lyonsiella formosa</i>	4	0.7
Sta. 155, 3,783 m, 00°03.0'S, 27°48.0'W		
<i>Brevinucula verrilli</i>	2	1.0
<i>Neilonella hampsoni</i>	3	1.5
<i>Pseudotindaria erebus</i>	3	1.5
<i>Lametila abyssorum</i>	3	1.5
<i>Spinula hilleri</i>	4	2.0
<i>Yoldiella ella</i>	7	3.5
<i>Bentharca asperula</i>	1	0.05
<i>Bathyarca inaequisculpta</i>	2	1.0

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Sample	No. of Individuals	Occurrence in %
<i>Limopsis galathea</i>	27	13.8
<i>Limopsis tenella</i>	24	12.1
<i>Dacrydium sandersi</i>	90	45.2
<i>Limatula celtica</i>	3	1.5
<i>Limatula louiseae</i>	5	2.5
Pectinidae sp. c	1	0.05
Pectinidae sp. d	1	0.05
Pectinidae sp.	1	0.05
<i>Hyalopecten</i> sp. e	1	0.05
<i>Thyasira</i> sp. 17	2	1.0
<i>Verticordia quadrata</i>	1	0.05
<i>Myonera</i> sp. 1	14	7.0
<i>Myonera</i> sp. 2	1	0.05
<i>Myonera</i> sp. 3	1	0.05
<i>Poromya tornata</i>	2	1.0
<i>Cetoconcha braziliensis</i>	1	0.05
<i>Lyonsiella formosa</i>	1	0.05
ARGENTINE BASIN		
Sta. 284, 98 m, 36°08.3'S, 53°42.3'W		
Cardiidae sp. 4	6	100.0
Sta. 282, 165 m, 36°17.9'S, 53°31.3'W		
<i>Zygochlamys patagonia</i>	3	100.0
Sta. 280, 293 m, 36°17.0'S, 53°23.9'W		
<i>Solemya</i> sp. 280	1	0.03
Nuculidae sp. 280	2	0.05
<i>Nuculoma perforata</i>	15	0.4
<i>Yoldiella robusta</i>	3495	89.1
<i>Silicula mcalesteri</i>	39	1.0
Lucinidae sp. 280	1	0.03
<i>Thyasira croulinensis</i>	15	0.4
<i>Thyasira equalis</i>	31	0.8
<i>Thyasira ferruginea</i>	60	1.5
<i>Thyasira</i> sp. 280	18	0.5
<i>Thyasira</i> sp. 2 a	238	6.1
<i>Aesthenotherus hempilli</i>	7	0.2
Veneridae sp. 280	1	0.03
Sta. 236, 518 m, 36°27.1'S, 53°31.0'W		
<i>Solemya</i> sp. 237	1	2.2
<i>Thyasira</i> sp. 346 c	2	4.4
Carditidae sp. 5	36	80.0
Leptonidae sp. v	2	4.4
<i>Kelliella</i> sp. 236	1	2.2
<i>Incerte cedis</i> sp. 236	1	2.2
<i>Incerte cedis</i> sp. 237	2	4.4
Sta. 237, 1,011 m, 36°32.6'S, 53°23.0'W		
<i>Solemya</i> sp. 237	1	0.2
<i>Nuculoma perforata</i>	7	1.2
<i>Propoleda carpenteri</i>	196	32.2

(continues)

(continued)

Sample	No. of Individuals	Occurrence in %
<i>Yoldiella argentinea</i>	26	4.3
<i>Yoldiella similirus</i>	5	8.0
<i>Limea argentineae</i>	2	0.3
<i>Thyasira croulinensis</i>	3	0.5
<i>Thyasira equalis</i>	1	0.2
<i>Thyasira transversa</i>	3	0.5
<i>Neolepton profundorum</i>	173	28.5
Carditidae sp. 1	64	10.5
<i>Cuspidaria</i> sp. 1	2	0.3
<i>Cuspidaria</i> sp. 2	32	5.3
<i>Rhinoclama notabilis</i>	127	20.9
<i>Incerte cedis</i> sp. 237	1	0.2
Sta. 239, 1,679 m, 36°49.0'S, 53°15.4'W		
<i>Solemya</i> sp. 259	2	0.1
<i>Nuculoma perforata</i>	37	1.8
<i>Ledella jamesi</i>	889	44.6
<i>Ledella sublevis</i>	142	7.1
<i>Propoleda carpenteri</i>	8	0.4
<i>Yoldiella argentinea</i>	26	1.3
<i>Yoldiella curta</i>	36	1.8
<i>Yoldiella</i> sp.	6	0.3
<i>Limopsis</i> sp. 239	2	0.1
<i>Dacrydium ockelmanni</i>	9	0.5
<i>Dacrydium</i> sp. L	1	0.05
<i>Limea argentineae</i>	6	0.3
<i>Bathypecten</i> sp. d	268	13.3
<i>Thyasira allenii</i>	1	0.05
<i>Thyasira carrozae</i>	196	9.7
<i>Thyasira croulinensis</i>	13	0.7
<i>Thyasira ferruginea</i>	19	0.9
<i>Thyasira transversa</i>	169	8.4
<i>Thyasira</i> sp. 239	2	0.1
<i>Mysella verrilli</i>	76	3.8
<i>Kelliella elongata</i>	13	0.7
<i>Cardiomya knudseni</i>	1	0.05
<i>Tropidomya abbreviata</i>	90	4.5
<i>Lyonsiella</i> sp. 239	1	0.05
Sta. 264, 2,048 m 36°12.7'S, 52°42.7'W		
<i>Nuculoma perforata</i>	1	0.4
<i>Ledella jamesi</i>	8	3.0
<i>Ledella sublevis</i>	2	0.7
<i>Yoldiella curta</i>	10	3.5
<i>Yoldiella inconspicua profundorum</i>	6	2.2
<i>Limopsis spicata</i>	21	7.9
<i>Thyasira carrozae</i>	20	7.0
<i>Thyasira equalis</i>	1	0.4
<i>Thyasira ferruginea</i>	10	3.5
<i>Thyasira succisa atlantica</i>	5	1.9
<i>Thyasira transversa</i>	169	63.3
<i>Thyasira</i> sp. 15	2	0.7

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Sample	No. of Individuals	Occurrence in %
<i>Thyasira</i> sp. 30	12	4.5
Sta. 240, 2,323 m, 36°53.4'S, 53°10.2'W		
<i>Solemya</i> sp. 280	1	0.3
<i>Nuculoma perforata</i>	11	2.8
<i>Ledella jamesi</i>	61	15.5
<i>Ledella sublevis</i>	18	4.6
<i>Propoleda carpenteri</i>	3	0.8
<i>Yoldiella argentina</i>	1	0.3
<i>Yoldiella curta</i>	1	0.3
<i>Yoldiella robusta</i>	2	0.8
<i>Limopsis cristata</i> agg.	6	1.5
<i>Dacrydium ockelmanni</i>	2	0.5
<i>Limea</i> sp. 240	1	0.3
<i>Cyclopecten</i> sp. a	70	17.8
<i>Thyasira carrozae</i>	6	1.5
<i>Thyasira croulinensis</i>	58	14.8
<i>Thyasira eumyaria</i>	1	0.3
<i>Thyasira ferruginea</i>	13	3.3
<i>Thyasira hydroida</i>	3	0.8
<i>Thyasira obsoleta</i>	2	0.5
<i>Thyasira pygmaea</i>	84	21.4
<i>Thyasira subequatoria</i>	3	0.8
<i>Thyasira subovata atlantica</i>	1	0.3
<i>Thyasira transversa</i>	5	1.3
<i>Thyasira trisinuta</i>	1	0.3
<i>Thyasira</i> sp. 15	1	0.3
<i>Thyasira</i> sp. 45	1	0.3
<i>Thyasira</i> sp. 47 a	2	0.5
<i>Neolepton profundorum</i>	8	2.0
<i>Kelliella elongata</i>	1	0.3
<i>Kelliella</i> sp. 245	3	0.8
<i>Verticordia</i> sp. 240	1	0.3
<i>Cuspidaria</i> sp. 239	3	0.8
<i>Cardiomya gemma</i>	1	0.3
<i>Cardiomya knudseni</i>	2	0.5
<i>Tropidomya abbreviata</i>	1	0.3
<i>Myonera atlantica</i>	2	0.5
<i>Myonera paucistriata</i>	1	0.3
<i>Incerte cedis</i> sp. 240	5	1.3
<i>Incerte cedis</i>	1	0.3
Sta. 262, 2,480 m, 36°05.2'S, 52°17.9'W		
<i>Solemya</i> sp. 259	2	0.2
<i>Nuculoma perforata</i>	1	0.1
<i>Phaseolus</i> sp. c	2	0.2
<i>Ledella jamesi</i>	6	0.7
<i>Ledella sublevis</i>	220	24.6
<i>Malletia cuneata</i>	231	25.8
<i>Limopsis spicata</i>	11	1.2
<i>Bathypecten</i> sp. a	6	0.7

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Propeamussium</i> sp. c	7	0.8
<i>Thyasira brevis</i>	267	29.8
<i>Thyasira ferruginea</i>	7	0.8
<i>Thyasira subovata subovata</i>	1	0.1
<i>Thyasira succisa atlantica</i>	20	2.2
<i>Thyasira transversa</i>	52	5.8
<i>Thyasira</i> sp. 30	21	2.3
<i>Kelliella atlantica</i>	1	0.1
<i>Thracia nitida</i>	3	0.3
<i>Protocuspidaria verityi</i>	2	0.2
<i>Cardiomya knudseni</i>	7	0.8
<i>Myonera atlantica</i>	1	0.1
<i>Myonera</i> sp. 1	17	1.9
<i>Myonera</i> sp. 2	7	0.8
<i>Incerte cedis</i> sp. 262	1	0.1
Sta. 245, 2,707 m, 36°55.7'S, 53°01.4'W		
<i>Solemya</i> sp. 259	2	0.3
<i>Deminucula atacellana</i>	77	10.2
<i>Ledella sublevis</i>	8	1.1
<i>Yoldiella biguttata</i>	2	0.3
<i>Yoldiella blanda</i>	1	0.1
<i>Yoldiella extensa</i>	245	32.4
<i>Yoldiella inconspicua profundorum</i>	2	0.3
<i>Malletia cuneata</i>	62	8.2
<i>Bathyarca</i> sp. 245	2	0.3
<i>Dacrydium ockelmanni</i>	21	2.8
<i>Limatula subovata</i>	98	13
<i>Bathypecten</i> sp. a	12	1.6
<i>Thyasira brevis</i>	74	9.8
<i>Thyasira carrozae</i>	4	0.5
<i>Thyasira equalis</i>	1	0.1
<i>Thyasira</i> sp. 15	1	0.1
<i>Thyasira</i> sp. 17	1	0.1
<i>Neolepton profundorum</i>	131	17.3
<i>Kelliella atlantica</i>	10	1.3
<i>Kelliella</i> sp. 245	1	0.1
<i>Cuspidaria barnardi</i>	1	0.1
<i>Cuspidaria circinata</i>	1	0.1
Sta. 259, 3,317 m, 37°13.3'S, 52°45.0'W		
<i>Solemya</i> sp. 259	1	0.07
<i>Deminucula atacellana</i>	862	61.1
<i>Tindaria callistiformis</i>	5	0.4
<i>Neilonella whoii</i>	11	0.8
<i>Pseudotindaria championi</i>	5	0.4
<i>Ledella pustulosa argentinea</i>	6	0.4
<i>Ledella sublevis</i>	24	1.7
<i>Ledella ultima</i>	4	0.3
<i>Spinula scheltemae</i>	5	0.4
<i>Yoldiella blanda</i>	20	1.4

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Yoldiella inconspicua profundorum</i>	5	0.4
<i>Yoldiella jeffreysi</i>	30	2.1
<i>Silicula fragilis</i>	5	0.5
<i>Malletia cuneata</i>	106	7.5
<i>Bathypecten</i> sp. a	6	0.4
<i>Propeamussium</i> sp. c	10	0.7
<i>Cyclopecten pustulosus</i>	9	0.6
<i>Thyasira brevis</i>	25	1.8
<i>Thyasira equalis</i>	3	0.2
<i>Thyasira ferruginea</i>	13	0.9
<i>Thyasira (robusta)</i>	20	1.4
<i>Thyasira platyssima</i>	7	0.5
<i>Thyasira subovata subovata</i>	96	6.8
<i>Kelliella atlantica</i>	117	8.3
<i>Kelliella elongata</i>	8	0.6
<i>Policordia gemma</i>	3	0.2
<i>Cuspidaria parva</i>	1	0.07
<i>Cuspidaria</i> sp.	1	0.07
<i>Myonera paucistriata</i>	1	0.07
Sta. 246, 3,343 m 37°15.1'S, 52°45.0'W		
<i>Deminucula atacellana</i>	16	8.4
<i>Tindaria miniscula</i>	4	2.1
<i>Pseudotindaria erebus</i>	1	0.5
<i>Ledella pustulosa argentinae</i>	1	0.5
<i>Propeleda louiseae</i>	3	1.6
<i>Yoldiella blanda</i>	3	1.6
<i>Yoldiella ella</i>	8	4.2
<i>Yoldiella jeffreysi</i>	5	2.6
<i>Yoldiella similirus</i>	5	2.6
<i>Yoldiella subcircularis</i>	2	1.1
<i>Yoldiella</i> sp. 246	11	5.8
<i>Silicula fragilis</i>	3	1.6
<i>Malletia cuneata</i>	27	14.1
<i>Bathypecten eucymatus</i>	8	4.2
<i>Thyasira brevis</i>	1	0.5
<i>Thyasira ferruginea</i>	4	2.1
<i>Thyasira inflata</i>	30	15.7
<i>Thyasira subcircularis</i>	1	0.5
<i>Neolepton</i> sp. 246	2	1.1
<i>Kelliella atlantica</i>	30	15.7
<i>Kelliella elongata</i>	1	0.5
<i>Cuspidaria</i> sp.	2	1.1
<i>Cardiomya</i> sp.	1	0.5
<i>Tropidomya abbreviata</i>	3	1.6
<i>Lyonsiella abyssicola</i>	8	4.2
Sta. 243, 3,822 m, 37°36.8'S, 52°23.6'W		
<i>Deminucula atacellana</i>	213	67.6
<i>Neilonella whoii</i>	3	1
<i>Ledella pustulosa argentinea</i>	41	13
<i>Propeleda louiseae</i>	2	0.6

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella fabula</i>	10	3.2
<i>Yoldiella inconspicua profundorum</i>	1	0.3
<i>Cyclopecten</i> sp. a	4	1.3
<i>Thyasira brevis</i>	9	2.9
<i>Thyasira ferruginea</i>	18	5.7
<i>Thyasira robusta</i>	1	0.3
<i>Thyaasira succisa atlantica</i>	1	0.3
<i>Thyasira transversa</i>	2	0.6
<i>Thyasira</i> sp. 243	8	2.6
<i>Kelliella elongata</i>	2	0.6
Sta. 256, 3,916 m, 37°40.9'S, 52°19.3'W		
<i>Pristigloma nitens</i>	3	0.2
<i>Deminucula atacellana</i>	356	24.2
<i>Tindaria callistiformis</i>	37	2.5
<i>Neilonella whoii</i>	8	0.5
<i>Prelametila</i> sp. 247	1	0.07
<i>Ledella jamesi</i>	1	0.07
<i>Ledella pustulosa argentinea</i>	97	6.6
<i>Ledella sublevis</i>	3	0.2
<i>Ledella ultima</i>	75	5.1
<i>Spinula scheltemae</i>	237	16.1
<i>Propeleda louiseae</i>	3	0.2
<i>Yoldiella blanda</i>	63	4.3
<i>Yoldiella fabula</i>	4	0.3
<i>Yoldiella inconspicua profundorum</i>	19	4.1
<i>Malletia cuneata</i>	350	23.8
<i>Malletia abyssorum</i>	3	0.2
<i>Pectinidae</i> sp. b	10	0.7
<i>Bathypecten eucymatus</i>	10	0.7
<i>Thyasira croulinensis</i>	36	2.5
<i>Thyasira equalis</i>	13	0.8
<i>Thyasira ferruginea</i>	42	2.9
<i>Thyasira inflata</i>	8	0.5
<i>Thyasira subequatoria</i>	14	1.0
<i>Thyasira subovata subovata</i>	18	1.2
<i>Thyasira transversa</i>	4	0.3
<i>Thyasira</i> sp. 17	1	0.07
<i>Kelliella atlantica</i>	30	2.0
<i>Verticordia</i> sp. 240	1	0.07
<i>Policordia gemma</i>	3	0.2
<i>Protocuspidaria</i> sp. 256	1	0.07
<i>Cuspidaria</i> sp.	1	0.07
<i>Myonera demistriata</i>	8	0.5
<i>Myonera</i> sp.	1	0.07
<i>Incerte cedis</i> sp. 256	1	0.07
Sta. 242, 4,402 m, 38°16.9'S, 51°56.1'W		
<i>Pristigloma alba</i>	2	0.3
<i>Neilonella whoii</i>	1	0.1
<i>Pseudotindaria championi</i>	3	0.4
<i>Prelametila clarkei</i>	29	3.8

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Sample	No. of Individuals	Occurrence in %
<i>Ledella aberrenta</i>	2	0.3
<i>Ledella pustulosa argentina</i>	104	13.6
<i>Ledella ultima</i>	3	0.4
<i>Spinula hilleri</i>	5	0.7
<i>Spinula scheltemae</i>	68	8.8
<i>Propeleda louiseae</i>	25	3.3
<i>Yoldiella americana</i>	7	0.9
<i>Yoldiella blanda</i>	119	15.4
<i>Yoldiella fabula</i>	8	1.1
<i>Yoldiella inconspicua profundorum</i>	50	6.5
<i>Silicula mcalesteri</i>	1	0.1
<i>Malletia abyssorum</i>	23	3.0
<i>Malletia grasslei</i>	15	2.0
<i>Thyasira ferruginea</i>	28	3.7
<i>Thyasira inflata</i>	4	0.5
<i>Thyasira subequatoria</i>	11	1.4
<i>Thyasira transversa</i>	2	0.3
<i>Thyasira</i> sp. 17	3	0.4
<i>Thyasira</i> sp. 21	242	31.3
<i>Kelliella atlantica</i>	1	0.1
<i>Cuspidaria circinata</i>	3	0.4
<i>Cuspidaria</i> sp. 242	1	0.1
<i>Tropidomya</i> sp.	3	0.4
Sta. 252, 4,435 m, 38°29.8'S, 52°09.1'W		
<i>Pseudotindaria championi</i>	2	1.2
<i>Ledella aberrenta</i>	4	2.4
<i>Yoldiella americana</i>	1	0.6
<i>Yoldiella blanda</i>	42	25.6
<i>Yoldiella inconspicua profundorum</i>	23	14.0
<i>Malletia abyssorum</i>	86	52.4
<i>Thyasira ferruginea</i>	6	3.6
Sta. 247, 5,223 m, 43°33.0'S, 48°58.1'W		
<i>Neilonella whoii</i>	6	0.5
<i>Prelametila clarkei</i>	239	19.1
<i>Phaseolus</i> sp. c	426	34
<i>Ledella aberrenta</i>	34	2.7
<i>Ledella pustulosa argentina</i>	57	4.5
<i>Spinula hilleri</i>	24	1.9
<i>Propeleda louiseae</i>	2	0.2
<i>Yoldiella americana</i>	293	23.4
<i>Yoldiella blanda</i>	106	8.5
<i>Yoldiella fabula</i>	16	1.3
<i>Yoldiella inconspicua profundorum</i>	1	0.08
<i>Thyasira transversa</i>	6	0.5
<i>Thyasira</i> sp. 8 a	12	1.0
<i>Cuspidaria</i> sp.	31	2.5
WEST EUROPEAN BASIN		
Sta. S29, 119 m, 47°40.0'N, 05°00.0'W		
<i>Nuculana commutata</i>	16	22.9

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Sample	No. of Individuals	Occurrence in %
Pectinidae sp. c	1	1.14
<i>Similipecten simili s</i>	3	4.3
Anomiidae sp.	3	4.3
<i>Thyasira croulinensis</i>	3	4.3
<i>Kelliella miliaris</i>	9	12.9
Carditidae sp. 2	14	20.0
<i>Astarte</i> sp. 5	2	2.9
Cardiidae sp. 6	6	8.6
<i>Corbula</i> sp. 2	1	1.14
<i>Pandora pinna</i>	10	14.3
<i>Policordia insoleta</i>	1	1.4
<i>Cuspidaria</i> sp.	1	1.4
Sta. Biogas I DS01, 400 m, 47°56.5'N, 07°40.2'W		
<i>Pseudamussium clavatum</i>	4+2s	21.1
<i>Tridonta elliptica</i>	15	78.9
Sta. 309, 485 m, 52°21.1'N, 12°07.4'W		
<i>Yoldiella frigida</i>	1	0.04
<i>Limatula bisecta</i>	3	0.1
<i>Flexopecten proteus</i>	2	0.08
<i>Similipecten similis</i>	36	1.4
<i>Delectopecten vitreus</i>	80	3.1
<i>Thyasira croulinensis</i>	29	1.1
<i>Thyasira ferruginea</i>	25	1.0
<i>Thyasira pygmaea</i>	5	0.2
<i>Thyasira</i> sp. 309	1	0.04
<i>Mysella verrilli</i>	6	0.2
Carditidae sp. 2	390	15.0
<i>Astarte</i> sp. 1	6	0.2
<i>Astarte</i> sp. 3	1	0.04
<i>Kelliella biscayensis</i>	2000	76.8
<i>Verticordia</i> sp. 309	2	0.08
<i>Cuspidaria cuspidata</i>	3	0.1
<i>Cuspidaria</i> sp. 3	1	0.04
<i>Cardiomya costellata</i>	13	0.5
Sta. Incal DS03, 609 m, 57°25.5'N, 11°034'W		
<i>Ledella pustulosa pustulosa</i>	3	1.0
<i>Yoldiella frigida</i>	16	5.3
<i>Yoldiella jeffreysi</i>	2	0.7
<i>Limopsis aurita</i>	284	93.1
Sta. Incal DS04, 619 m, 57°23.2'N, 11°06.5'W		
<i>Ledella pustulosa pustulosa</i>	1	0.4
<i>Yoldiella frigida</i>	1	0.4
<i>Yoldiella lucida</i>	1	0.4
<i>Bathyarca pectunculoides</i>	19	7.7
<i>Limopsis aurita</i>	7	2.8
<i>Limea sarsi</i>	140	56.7

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Sample	No. of Individuals	Occurrence in %
<i>Musculus marmoratus</i>	3	1.2
<i>Dacrydium</i> sp.	1	0.4
<i>Thyasira succisa succisa</i>	24	9.7
<i>Tridonta elliptica</i>	6	2.4
<i>Acanthocardia echinata</i>	2	0.8
<i>Ciliatocardium ciliatum</i>	3+1s	1.2
<i>Kelliella atlantica</i>	1	0.4
<i>Cochlodesma tenerum</i>	4	1.6
<i>Thracia</i> sp.	2	0.8
<i>Lyonsiella abyssicola</i>	1	0.4
<i>Cuspidaria parva</i>	4	1.6
<i>Cuspidaria</i> sp. 2	27	12.9
Sta. S56, 641 m, 43°43.0'N, 03°47.8'W		
<i>Solemya</i> sp.	1	0.05
<i>Neilonella salicensis</i>	3	0.2
<i>Ledella acuminata</i>	1	0.05
<i>Limatula subovata</i>	1	0.05
<i>Delectopecten</i> sp. a	19	1.0
<i>Thyasira croulinensis</i>	151	7.9
<i>Thyasira equalis</i>	15	0.8
<i>Thyasira eumyaria</i>	106	5.6
<i>Thyasira ferruginea</i>	2	0.1
<i>Thyasira succisa succisa</i>	86	4.5
<i>Thyasira</i> sp. (robusta)	4	0.2
<i>Montacuta ovata</i>	1	0.05
<i>Kelliella biscayensis</i>	1507	79.1
<i>Thracia pubescens</i>	3	0.2
<i>Xylophaga</i> sp.	1	0.05
<i>Cuspidaria parva</i>	3	0.2
<i>Cuspidaria</i> sp. 56	1	0.05
<i>Rhinoclama halimera</i>	1	0.05
<i>Lyonsiella formosa</i>	3	0.2
<i>Incerte cedis</i> sp. 72	1	0.05
Sta. S40, 860 m, 43°35.6'N, 03°24.8'W		
<i>Nuculoidea bushae</i>	1	0.07
<i>Thyasira croulinensis</i>	8	0.6
<i>Thyasira equalis</i>	7	0.5
<i>Thyasira ferruginea</i>	1	0.07
<i>Thyasira obsoleta</i>	69	4.9
<i>Thyasira pygmaea</i>	3	0.2
<i>Thyasira transversa</i>	16	1.1
<i>Thyasira</i> sp. 40	2	0.1
<i>Kelliella biscayensis</i>	1300	91.8
<i>Thracia gracilis</i>	1	0.07
<i>Thracia pubescens</i>	8	0.6
Sta. 314, 1,015 m, 51°54.7'N, 12°27.3'W		
<i>Microgloma turnerae</i>	3	0.1
<i>Nuculoidea bushae</i>	42	1.4
<i>Ledella pustulosa pustulosa</i>	1	0.03

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella jeffreysi</i>	2	0.07
<i>Yoldiella</i> sp.	2	0.07
<i>Silicula filatovae</i>	1	0.03
<i>Limopsis cristata</i> agg.	1	0.03
<i>Delectopecten vitreus</i>	3	0.1
<i>Thyasira eumyaria</i>	4	0.1
<i>Thyasira</i> sp. 314	1	0.03
<i>Mysella verrilli</i>	4	0.1
<i>Abra profundorum</i>	15	0.5
<i>Kelliella biscayensis</i>	2900	95.7
Carditidae sp. 2	2	0.07
<i>Cuspidaria parva</i>	2	0.07
<i>Incerte cedis</i> sp. 314	2	0.07
Sta. S63, 1,336 m, 46°17.5'N, 04°45.2'W		
<i>Nuculoma granulosa</i>	31	23.3
<i>Ledella acuminata</i>	1	0.8
<i>Ledella pustulosa pustulosa</i>	1	0.8
<i>Ledella similis</i>	8	6.0
<i>Nuculana vestita</i>	1	0.8
<i>Dacrydium wareni</i>	4	3.0
<i>Parvamussium</i> sp. a	2	1.5
<i>Delectopecten</i> sp. a	40	30.1
<i>Thyasira equalis</i>	1	0.8
<i>Thyasira obsoleta</i>	8	6.0
<i>Thyasira succisa atlantica</i>	12	9.0
<i>Thyasira succisa succisa</i>	14	10.5
<i>Cardiomya costellata</i>	2	1.5
<i>Rhinoclama notabilis</i>	1	0.8
<i>Halonympha atlanta</i>	1	0.8
<i>Halonympha depressa</i>	4	3.0
<i>Lyonsiella abyssicola</i>	2	1.5
Sta. S66, 1,472 m, 46°16.3'N, 04°44.0'W		
<i>Bathypecten</i> sp. c	1	33.3
<i>Cyclopecten</i> sp. a	1	33.3
<i>Thyasira platyssima</i>	1	33.3
Sta. 313, 1,500 m, 51°32.2'N, 12°35.9'W		
<i>Microgloma turnerae</i>	3	0.07
<i>Deminucula atacellana</i>	15	0.4
<i>Nuculoidea bushae</i>	46	1.1
<i>Neilonella salicensis</i>	432	10.4
<i>Ledella acuminata</i>	1	0.08
<i>Ledella pustulosa pustulosa</i>	456	10.9
<i>Yoldiella curta</i>	106	2.5
<i>Yoldiella pseudolata</i>	457	11.0
<i>Limopsis cristata cristata</i>	1850	44.4
<i>Dacrydium ockelmanni</i>	10	0.2
<i>Limatula louiseae</i>	2	0.05
<i>Limatula subovata</i>	356	8.5
<i>Bathypecten eucymatus</i>	16	0.4

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Sample	No. of Individuals	Occurrence in %
<i>Thyasira croulinensis</i>	4	0.1
<i>Thyasira equalis</i>	313	7.5
<i>Thyasira eumyaria</i>	8	0.2
<i>Thyasira ferruginea</i>	3	0.07
<i>Thyasira obsoleta</i>	15	0.4
<i>Thyasira</i> sp. 1	2	0.05
<i>Thyasira</i> sp. 2 a	3	0.07
<i>Thyasira</i> sp. 15	1	0.02
<i>Thyasira</i> sp. 17	6	0.1
<i>Mysella verrilli</i>	1	0.02
<i>Mysella</i> sp. 1	9	0.2
<i>Kelliella atlantica</i>	48	1.2
<i>Lyonsiella perplexa</i>	1	0.02
<i>Incerte cedis</i> sp. 313	13	0.3
Sta. S44, 1,739 m, 43°40.8'N, 03°35.2'W		
<i>Microgloma turnerae</i>	11	1.5
<i>Deminucula atacellana</i>	14	1.9
<i>Nuculoidea bushae</i>	67	9.1
<i>Tindaria hessleri</i>	19	2.6
<i>Neilonella salicensis</i>	62	8.5
<i>Spinula filatovae</i>	43	5.9
<i>Yoldiella curta</i>	70	9.5
<i>Yoldiella inconspicua inconspicua</i>	11	1.5
<i>Yoldiella pseudolata</i>	18	2.5
<i>Portlandia lenticula</i>	4	0.5
<i>Malletia johnsoni</i>	14	1.9
<i>Limopsis aurita</i>	1	0.1
<i>Dacrydium ockelmanni</i>	19	2.6
<i>Bathypecten</i> sp. c	3	0.4
<i>Cyclopecten</i> sp. a	8	1.1
<i>Thyasira brevis</i>	196	26.7
<i>Thyasira croulinensis</i>	1	0.1
<i>Thyasira equalis</i>	14	1.9
<i>Thyasira eumyaria</i>	5	0.7
<i>Thyasira ferruginea</i>	6	0.8
<i>Thyasira obsoleta</i>	90	12.3
<i>Thyasira tortuosa</i>	49	6.7
<i>Thyasira</i> sp. 15	1	0.1
<i>Thyasira</i> sp. 45	3	0.4
<i>Kelliella atlantica</i>	1	0.1
<i>Myonera limatula</i>	2	0.3
Sta. Biogas III DS49, 1,865 m, 44°05.9'N, 04°15.9'W		
<i>Deminucula atacellana</i>	29	9.0
<i>Nuculoidea bushae</i>	20	6.2
<i>Neilonella salicensis</i>	70	21.2
<i>Ledella pustulosa pustulosa</i>	13	4.1
<i>Yoldiella curta</i>	4	1.3
<i>Yoldiella lata</i>	177	55.1
<i>Malletia johnsoni</i>	3	0.9

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Sample	No. of Individuals	Occurrence in %
<i>Thyasira obsoleta</i>	1	0.3
<i>Thracia pubescens</i>	1	0.3
<i>Policordia gemma</i>	1	0.3
<i>Cuspidaria parva</i>	1	0.3
<i>Incerte cedis</i>	1	0.3
Sta. Biogas VI DS88, 1,894 m, 44°05.2'N, 04°15.7'W		
<i>Deminucula atacellana</i>	7	3.4
<i>Nuculoidea bushae</i>	14	6.7
<i>Neilonella salicensis</i>	31	14.9
<i>Ledella pustulosa pustulosa</i>	7	3.4
<i>Yoldiella curta</i>	5	2.4
<i>Yoldiella lata</i>	40	19.2
<i>Thyasira equalis</i>	3	1.4
<i>Thyasira obsoleta</i>	3	1.4
<i>Axinodon symmetros</i>	1	0.5
<i>Kelliella atlantica</i>	4	1.9
<i>Cuspidaria parva</i>	1	0.5
<i>Luzonia simplex</i>	92	44.2
Sta. Biogas VI DS87, 1,913 m, 44°05.2'N, 04°19.4'W		
<i>Solemya</i> sp.	1	0.1
<i>Microgloma turnerae</i>	58	6.4
<i>Deminucula atacellana</i>	79	8.8
<i>Nuculoidea bushae</i>	14	1.6
<i>Neilonella salicensis</i>	173	19.2
<i>Ledella pustulosa pustulosa</i>	123	13.7
<i>Yoldiella curta</i>	7	0.8
<i>Yoldiella insculpta</i>	1	0.1
<i>Yoldiella lata</i>	550	61.1
<i>Yoldiella obesa incala</i>	5	0.6
<i>Yoldiella veletta</i>	1	0.1
<i>Malletia johnsoni</i>	1	0.1
<i>Limopsis cristata cristata</i>	1	0.1
<i>Dacrydium abyssorum</i>	13	1.4
<i>Dacrydium ockelmanni</i>	30	3.3
<i>Thyasira brevis</i>	53	5.9
<i>Thyasira equalis</i>	1	0.1
<i>Thyasira obsoleta</i>	2	0.2
<i>Thyasira subcircularis</i>	2	0.2
<i>Thyasira succisa succisa</i>	1	0.1
<i>Thyasira ultima</i>	1	0.1
<i>Thyasira</i> sp.	1	0.1
<i>Kelliella atlantica</i>	188	20.9
<i>Cuspidaria parva</i>	42	4.7
Sta. S65, 1,922 m, 46°15.0'N, 04°35.0'W		
<i>Microgloma turnerae</i>	148	42.8
<i>Deminucula atacellana</i>	3	0.9
<i>Nuculoidea bushae</i>	1	0.3

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Sample	No. of Individuals	Occurrence in %
<i>Neilonella salicensis</i>	2	0.6
<i>Yoldiella curta</i>	19	5.5
<i>Yoldiella insculpta</i>	42	12.1
<i>Yoldiella pseudolata</i>	25	7.2
<i>Silicula fragilis</i>	2	0.6
<i>Malletia johnsoni</i>	50	14.5
<i>Hyalopecten parvulinus</i>	8	2.3
<i>Parvamussium</i> sp. a	5	1.5
<i>Cyclopecten</i> sp. a	2	0.6
<i>Thyasira brevis</i>	15	4.3
<i>Thyasira</i> sp. 65	13	3.8
<i>Kelliella atlantica</i>	1	0.3
<i>Cuspidaria parva</i>	2	0.6
<i>Myonera atlantica</i>	2	0.6
<i>Myonera paucistriata</i>	4	1.2
<i>Lyonsiella subquadrata</i>	2	0.6
Sta. Biogas VI DS86, 1,950 m, 44°04.8'N, 04°18.7'W		
<i>Deminucula atacellana</i>	105	7.7
<i>Neilonella salicensis</i>	199	14.7
<i>Ledella pustulosa pustulosa</i>	76	5.6
<i>Yoldiella curta</i>	28	2.1
<i>Yoldiella lata</i>	325	23.9
<i>Yoldiella obesa incala</i>	7	0.5
<i>Malletia johnsoni</i>	4	0.3
<i>Dacrydium ockelmanni</i>	36	2.7
<i>Limatula subovata</i>	2	0.2
<i>Thyasira brevis</i>	146	10.8
<i>Thyasira equalis</i>	4	0.3
<i>Thyasira ferruginea</i>	7	0.5
<i>Thyasira obsoleta</i>	9	0.7
<i>Thyasira subcircularis</i>	1	0.07
<i>Thyasira succisa succisa</i>	1	0.07
<i>Thyasira ultima</i>	1	0.07
<i>Mysella tumidula</i>	2	0.2
<i>Axinodon symmetros</i>	146	10.8
<i>Kelliella atlantica</i>	157	11.6
<i>Policordia gemma</i>	6	0.4
<i>Cuspidaria parva</i>	58	4.3
<i>Luzonia simplex</i>	50	3.7
Sta. Biogas IV DS52, 2,006 m, 44°06.3'N, 04°22.4'W		
<i>Deminucula atacellana</i>	30	4.7
<i>Nuculoidea bushae</i>	24	3.8
<i>Tindaria callistiformis</i>	1	0.2
<i>Neilonella salicensis</i>	16	2.5
<i>Ledella pustulosa pustulosa</i>	47	7.3
<i>Spinula filatovae</i>	1	0.2
<i>Yoldiella curta</i>	2	0.3
<i>Yoldiella jeffreysi</i>	1	0.2

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella lata</i>	183	28.6
<i>Malletia johnsoni</i>	5	0.8
<i>Dacrydium ockelmanni</i>	13	2.0
<i>Limatula subovata</i>	1	0.2
<i>Thyasira brevis</i>	78	12.2
<i>Thyasira equalis</i>	2	0.3
<i>Thyasira ferruginea</i>	2	0.3
<i>Thyasira obsoleta</i>	36	5.6
<i>Thyasira subcircularis</i>	1	0.2
<i>Thyasira succisa succisa</i>	1	0.2
<i>Axinodon symmetros</i>	3	0.5
<i>Kelliella atlantica</i>	158	24.7
<i>Cuspidaria parva</i>	33	5.2
Sta. Polygas DS26, 2,076 m, 44°08.2'N, 04°15.0'W		
<i>Deminucula atacellana</i>	12	0.9
<i>Nuculoidea bushae</i>	11	0.8
<i>Ledella pustulosa pustulosa</i>	57	4.2
<i>Yoldiella curta</i>	2	0.2
<i>Yoldiella lata</i>	1095	81.0
<i>Yoldiella obesa incala</i>	3	0.2
<i>Dacrydium abyssorum</i>	9	0.7
<i>Thyasira brevis</i>	26	1.9
<i>Thyasira equalis</i>	2	0.2
<i>Thyasira obsoleta</i>	6	0.4
<i>Axinodon symmetros</i>	1	0.07
<i>Kelliella atlantica</i>	123	9.1
<i>Cuspidaria parva</i>	5	0.4
Sta. Incal DS02, 2,081 m, 57°58.8'N, 10°48.5'W		
<i>Microgloma turnerae</i>	1	0.2
<i>Deminucula atacellana</i>	6	0.1
<i>Nuculoidea bushae</i>	7	0.2
<i>Neilonella salicensis</i>	91	2.0
<i>Ledella pustulosa pustulosa</i>	2135	46.0
<i>Yoldiella curta</i>	544	11.7
<i>Yoldiella inconspicua inconspicua</i>	4	0.09
<i>Yoldiella jeffreysi</i>	67	1.4
<i>Yoldiella lata</i>	236	5.7
<i>Yoldiella obesa incala</i>	452	9.8
<i>Malletia cuneata</i>	62	1.3
<i>Malletia johnsoni</i>	75	1.6
<i>Pectinidae</i> sp.	1	0.02
<i>Modiolus</i> sp.	2	0.04
<i>Musculus discors</i>	1	0.02
<i>Dacrydium ockelmanni</i>	31	0.7
<i>Limatula subovata</i>	164	3.5
<i>Thyasira brevis</i>	5	0.1
<i>Thyasira ferruginea</i>	16	0.3
<i>Thyasira subovata subovata</i>	193	4.2

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Sample	No. of Individuals	Occurrence in %
<i>Kelliella atlantica</i>	351	7.6
<i>Mysella verrilli</i>	1	0.02
<i>Thracia</i> sp.	4	0.09
<i>Verticordia quadrata</i>	1	0.02
<i>Verticordia</i> sp.	2	0.04
<i>Policordia gemma</i>	14	0.3
<i>Cuspidaria obesa</i>	1	0.02
<i>Cuspidaria parva</i>	88	1.9
<i>Cardiomya knudseni</i>	1	0.02
<i>Incerte cedis</i>	5	0.1
Sta. Biogas I DS06, 2,090 m, 47°30.5'N, 08°18.5'W		
<i>Ledella pustulosa pustulosa</i>	2	33.3
<i>Yoldiella curta</i>	1	16.7
<i>Yoldiella lata</i>	3	50.0
Sta. Incal DS01, 2,091 m, 57°59.7'N, 10°39.8'W		
<i>Microgloma turnerae</i>	2	0.06
<i>Deminucula atacellana</i>	4	0.1
<i>Neilonella salicensis</i>	98	2.9
<i>Ledella pustulosa pustulosa</i>	1246	37.3
<i>Silicula fragilis</i>	4	0.1
<i>Yoldiella curta</i>	468	14.0
<i>Yoldiella inconspicua inconspicua</i>	2	0.04
<i>Yoldiella jeffreysi</i>	73	2.2
<i>Yoldiella lata</i>	234	7.0
<i>Yoldiella obesa incala</i>	518	16.0
<i>Malletia cuneata</i>	3	0.09
<i>Malletia johnsoni</i>	42	1.3
<i>Dacrydium ockelmanni</i>	12	0.4
<i>Limatula subovata</i>	149	4.5
<i>Thyasira subovata subovata</i>	167	5.0
<i>Thyasira</i> sp. 1	12	0.4
<i>Thyasira</i> sp. 2 a	6	0.2
<i>Kelliella atlantica</i>	249	7.5
<i>Kelliella miliaris</i>	1	0.03
<i>Thracia pubescens</i>	4	0.1
<i>Cochlodesma tenerum</i>	3	0.09
<i>Verticordia</i> sp.	1	0.03
<i>Policordia atlantica</i>	13	0.4
<i>Cuspidaria parva</i>	51	1.5
Sta. Polygas DS25, 2,096 m, 44°08.2'N, 04°15.7'W		
<i>Deminucula atacellana</i>	5	1.4
<i>Nuculoidea bushae</i>	11	3
<i>Neilonella salicensis</i>	9	2.5
<i>Ledella pustulosa pustulosa</i>	16	4.4
<i>Yoldiella curta</i>	16	4.4
<i>Yoldiella lata</i>	255	69.3

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella obesa incala</i>	3	0.8
<i>Malletia johnsoni</i>	5	1.4
<i>Dacrydium ockelmanni</i>	1	0.3
<i>Thyasira obsoleta</i>	2	0.5
<i>Thyasira subcircularis</i>	1	0.3
<i>Kelliella atlantica</i>	51	13.9
<i>Policordia atlantica</i>	1	0.3
<i>Cuspidaria parva</i>	5	1.4
<i>Luzonia simplex</i>	7	1.9
Sta. Polygas DS17, 2,103 m, 47°32.0'N, 08°45.5'W		
<i>Yoldiella insculpta</i>	1	5.6
<i>Dacrydium ockelmanni</i>	2	11.1
<i>Thyasira obsoleta</i>	2	11.1
<i>Cuspidaria parva</i>	13	72.2
Sta. Biogas III DS37, 2,110 m, 47°31.8'N, 08°34.6'W		
<i>Deminucula atacellana</i>	1	2.3
<i>Yoldiella ella</i>	1	2.3
<i>Yoldiella jeffreysi</i>	1	2.3
<i>Yoldiella insculpta</i>	12	27.3
<i>Yoldiella lata</i>	12	27.3
<i>Malletia johnsoni</i>	3	6.8
<i>Dacrydium ockelmanni</i>	3	6.8
<i>Axinulus incrassatus</i>	3	6.8
<i>Thyasira brevis</i>	1	2.3
<i>Thyasira obsoleta</i>	3	6.8
<i>Cuspidaria parva</i>	1	2.3
Sta. Biogas III DS50, 2,124 m, 44°08.9'N, 04°15.9'W		
<i>Deminucula atacellana</i>	1	0.5
<i>Nuculoidea bushae</i>	3	1.6
<i>Ledella pustulosa pustulosa</i>	15	7.9
<i>Yoldiella fabula</i>	1	0.5
<i>Yoldiella lata</i>	153	80.1
<i>Dacrydium ockelmanni</i>	7	3.7
<i>Thyasira obsoleta</i>	1	0.5
<i>Kelliella atlantica</i>	8	4.2
<i>Cuspidaria parva</i>	2	1.1
Sta. Biogas IV DS63, 2,126 m 47°32.8'N, 08°35.0'W		
<i>Deminucula atacellana</i>	1	0.6
<i>Neilonella salicensis</i>	5	2.8
<i>Ledella pustulosa pustulosa</i>	78	43.3
<i>Ledella sublevis</i>	1	0.6
<i>Yoldiella curta</i>	19	10.6
<i>Yoldiella insculpta</i>	23	12.8
<i>Yoldiella jeffreysi</i>	1	0.6
<i>Dacrydium ockelmanni</i>	6	3.3

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Sample	No. of Individuals	Occurrence in %
<i>Axinulus incrassatus</i>	3	1.7
<i>Thyasira brevis</i>	9	5.0
<i>Thyasira obsoleta</i>	1	0.6
<i>Kelliella atlantica</i>	1	0.6
<i>Cuspidaria parva</i>	31	17.2
<i>Tropidomya abbreviata</i>	1	0.6
Sta. Biogas I DS09, 2,130 m, 47°30.2'N, 08°16.0'W		
<i>Ledella pustulosa pustulosa</i>	4	100.0
Sta. Polygas DS18, 2,138 m 47°32'N, 08°45.5'W		
<i>Deminucula atacellana</i>	1	0.6
<i>Nuculoidea bushae</i>	1	0.6
<i>Ledella pustulosa pustulosa</i>	8	5.0
<i>Yoldiella insculpta</i>	4	2.5
<i>Yoldiella lata</i>	1	0.6
<i>Malletia johnsoni</i>	8	5.0
<i>Dacrydium ockelmanni</i>	5	3.1
<i>Limatula subovata</i>	4	2.5
<i>Limatula margaretae</i>	1	0.6
<i>Thyasira brevis</i>	1	0.6
<i>Thyasira obsoleta</i>	2	1.2
<i>Policordia gemma</i>	1	0.6
<i>Cuspidaria obesa</i>	60	37.3
<i>Cuspidaria parva</i>	54	33.5
<i>Incerte cedis</i>	1	0.6
Sta. Biogas II DS32, 2,138 m, 47°32.2'N, 08°05.3'W		
<i>Deminucula atacellana</i>	2	1.4
<i>Neilonella salicensis</i>	2	1.4
<i>Ledella aberrata</i>	1	0.7
<i>Ledella pustulosa pustulosa</i>	56	39.4
<i>Yoldiella curta</i>	4	2.8
<i>Yoldiella insculpta</i>	14	9.7
<i>Yoldiella lata</i>	26	18.3
<i>Malletia johnsoni</i>	13	9.2
<i>Dacrydium ockelmanni</i>	3	2.1
<i>Axinulus incrassatus</i>	5	3.5
<i>Thyasira equalis</i>	1	0.7
<i>Thyasira obsoleta</i>	2	1.4
<i>Thyasira succisa succisa</i>	1	0.7
<i>Limatula subovata</i>	7	4.9
<i>Cuspidaria parva</i>	11	7.6
Sta. Biogas III DS38, 2,138 m, 47°32.5'N, 08°35.8'W		
<i>Tindaria callistiformis</i>	2	2.4
<i>Neilonella salicensis</i>	1	1.2
<i>Ledella pustulosa pustulosa</i>	26	31
<i>Ledella sublevis</i>	2	2.4

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Yoldiella curta</i>	7	8.3
<i>Yoldiella insculpta</i>	2	2.4
<i>Yoldiella lata</i>	13	15.5
<i>Malletia johnsoni</i>	8	9.5
<i>Dacrydium ockelmanni</i>	1	1.2
<i>Limatula subovata</i>	2	2.4
<i>Thyasira brevis</i>	5	6.0
<i>Thyasira equalis</i>	5	6.0
<i>Thyasira obsoleta</i>	1	1.2
<i>Kelliella atlantica</i>	2	2.4
<i>Cochlodesma tenerum</i>	1	1.2
<i>Cuspidaria parva</i>	1	1.2
<i>Cuspidaria</i> sp.	5	6.0
Sta. Biogas III DS36, 2,147 m, 47°32.7'N, 08°36.5'W		
<i>Ledella pustulosa pustulosa</i>	7	18.0
<i>Yoldiella curta</i>	5	12.8
<i>Yoldiella insculpta</i>	5	12.8
<i>Yoldiella lata</i>	7	18.0
<i>Malletia johnsoni</i>	2	5.1
<i>Dacrydium ockelmanni</i>	1	2.6
<i>Thyasira brevis</i>	8	20.5
<i>Thyasira incrassata</i>	4	10.3
Sta. Biogas V DS70, 2,150 m, 44°08.8'N, 04°17.4'W		
<i>Ledella pustulosa pustulosa</i>	1	6.3
<i>Malletia johnsoni</i>	2	12.5
<i>Thyasira equalis</i>	2	12.5
<i>Thyasira ferruginea</i>	4	25.0
<i>Thyasira subcircularis</i>	1	6.3
<i>Axinodon symmetros</i>	1	6.3
<i>Kelliella atlantica</i>	5	31.3
Sta. Biogas IV DS64, 2,156 m, 47°29.2'N, 08°30.7'W		
<i>Deminucula atacellana</i>	3	2.2
<i>Ledella pustulosa pustulosa</i>	58	42.3
<i>Yoldiella curta</i>	7	5.1
<i>Yoldiella insculpta</i>	18	13.1
<i>Yoldiella jeffreysi</i>	2	1.5
<i>Yoldiella lata</i>	12	8.8
<i>Malletia johnsoni</i>	6	4.4
<i>Dacrydium ockelmanni</i>	14	10.2
<i>Limatula subovata</i>	5	3.7
<i>Axinulus incrassatus</i>	2	1.5
<i>Thyasira brevis</i>	5	3.7
<i>Thyasira ferruginea</i>	1	0.7
<i>Thyasira subovata subovata</i>	1	0.7
<i>Policordia atlantica</i>	2	1.5
<i>Cuspidaria obesa</i>	1	0.7

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Sample	No. of Individuals	Occurrence in %
Sta. Biogas I DS13, 2,165 m, 47°33.7'N, 08°35.5'W		
<i>Ledella pustulosa pustulosa</i>	12	19.4
<i>Spinula subexisa</i>	2	3.2
<i>Yoldiella curta</i>	15	24.2
<i>Yoldiella insculpta</i>	23	37.1
<i>Yoldiella lata</i>	5	8.1
<i>Portlandia lenticula</i>	1s	1.6
<i>Policordia gemma</i>	1	1.6
<i>Cuspidaria parva</i>	3	4.8
Sta. Biogas I DS07, 2,170 m, 47°30.5'N, 08°15.5'W		
<i>Ledella pustulosa pustulosa</i>	5	45.5
<i>Yoldiella curta</i>	4	36.4
<i>Yoldiella lata</i>	2	18.2
Sta. Biogas IV DS62, 2,175 m, 47°32.8'N, 08°40.0'W		
<i>Deminucula atacellana</i>	1	0.5
<i>Ledella pustulosa pustulosa</i>	18	9.2
<i>Yoldiella curta</i>	10	5.1
<i>Yoldiella ella</i>	1	0.5
<i>Yoldiella insculpta</i>	63	32.3
<i>Yoldiella jeffreysi</i>	1	0.5
<i>Yoldiella lata</i>	48	24.6
<i>Malletia johnsoni</i>	19	9.7
<i>Dacrydium ockelmanni</i>	8	4.1
<i>Limatula subovata</i>	6	3.1
<i>Axinulus incrassatus</i>	4	2.1
<i>Thyasira brevis</i>	4	2.1
<i>Thyasira ferruginea</i>	1	0.5
<i>Thyasira subovata subovata</i>	1	0.5
<i>Kelliella atlantica</i>	1	0.5
<i>Policordia atlantica</i>	1	0.5
<i>Cuspidaria parva</i>	8	4.1
Sta. Biogas I DS12, 2,180 m, 47°28.5'N, 08°35.5'W		
<i>Ledella pustulosa pustulosa</i>	4	44.4
<i>Yoldiella biscayensis</i>	1	11.1
<i>Yoldiella curta</i>	1	11.1
<i>Yoldiella lata</i>	2	22.2
<i>Malletia johnsoni</i>	1	11.1
Sta. Biogas VI DS71, 2,194 m, 47°34.3'N, 08°33.8'W		
<i>Deminucula atacellana</i>	3	2.8
<i>Nuculoidea bushae</i>	1	0.9
<i>Ledella pustulosa pustulosa</i>	44	41.1
<i>Yoldiella curta</i>	7	6.5
<i>Yoldiella insculpta</i>	6	5.6
<i>Yoldiella inconspicua inconspicua</i>	1	0.9

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella jeffreysi</i>	2	1.9
<i>Yoldiella lata</i>	19	17.8
<i>Malletia johnsoni</i>	4	3.7
<i>Malletia</i> sp.	1	0.9
<i>Axinulus incrassatus</i>	2	1.9
<i>Thyasira obsoleta</i>	1	0.9
<i>Dacrydium ockelmanni</i>	3	2.8
<i>Limatula subovata</i>	6	5.6
<i>Kelliella atlantica</i>	1	0.9
<i>Cuspidaria obesa</i>	1	0.9
<i>Cuspidaria parva</i>	5	4.7
Sta. Biogas I DS11, 2,205 m, 47°35.5'N, 08°33.7'W		
<i>Nuculoidea bushae</i>	1	2.0
<i>Neilonella salicensis</i>	1	2.0
<i>Ledella pustulosa pustulosa</i>	11	22.0
<i>Yoldiella insculpta</i>	9	18.0
<i>Yoldiella lata</i>	8	16.0
<i>Malletia johnsoni</i>	19	38.0
<i>Dacrydium ockelmanni</i>	1	2.0
Sta. Biogas I DS08, 2,210 m, 47°27.6'N, 08°17.0'W		
<i>Yoldiella insculpta</i>	4	66.7
<i>Yoldiella lata</i>	1	16.7
<i>Silicula fragilis</i>	1	16.7
Sta. Biogas III DS35, 2,226 m, 47°34.4'N, 08°40.7'W		
<i>Ledella pustulosa pustulosa</i>	8	13.1
<i>Yoldiella insculpta</i>	18	29.5
<i>Yoldiella lata</i>	9	14.8
<i>Malletia johnsoni</i>	6	9.8
<i>Limatula subovata</i>	1	1.6
<i>Axinulus incrassatus</i>	5	8.2
<i>Thyasira brevis</i>	3	4.9
<i>Thyasira obsoleta</i>	1	1.6
<i>Cuspidaria parva</i>	9	14.8
<i>Cuspidaria</i> sp.	1	1.6
Sta. Polygas DS15, 2,246 m, 47°35.2'N, 08°40.1'W		
<i>Ledella pustulosa pustulosa</i>	4	6.5
<i>Spinula hilleri</i>	1	1.6
<i>Yoldiella insculpta</i>	5	8.1
<i>Yoldiella lata</i>	8	12.9
<i>Malletia johnsoni</i>	8	12.9
<i>Dacrydium ockelmanni</i>	9	14.5
<i>Thyasira brevis</i>	1	1.6
<i>Policordia gemma</i>	1	1.6
<i>Cuspidaria jeffreysi</i>	3	4.8
<i>Cuspidaria parva</i>	15	24.2

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Sample	No. of Individuals	Occurrence in %
<i>Cuspidaria</i> sp.	6	9.7
<i>Poromya tornata</i>	1	1.6
Sta. Biogas IV DS61, 2,250 m, 47°34.7'N, 08°38.8'W		
<i>Yoldiella curta</i>	1	1.9
<i>Yoldiella insculpta</i>	10	18.9
<i>Yoldiella lata</i>	3	5.7
<i>Malletia cuneata</i>	1	1.9
<i>Malletia johnsoni</i>	4	7.6
<i>Dacrydium ockelmanni</i>	4	7.6
<i>Limatula subovata</i>	1	1.9
<i>Axinulus incrassatus</i>	6	11.3
<i>Thyasira brevis</i>	4	7.6
<i>Thyasira succisa succisa</i>	2	3.7
<i>Policordia gemma</i>	1	1.9
<i>Cuspidaria obesa</i>	2	3.7
<i>Cuspidaria parva</i>	14	26.4
Sta. Biogas VI DS72, 2,250 m, 47°38.6'N, 08°36.1'W		
<i>Yoldiella biscayensis</i>	1	12.5
<i>Yoldiella lata</i>	6	75.0
<i>Axinulus incrassatus</i>	1	12.5
Sta. Polygas DS16, 2,325 m, 47°36.1'N, 08°40.5'W		
<i>Yoldiella insculpta</i>	1	0.4
<i>Yoldiella lata</i>	1	0.4
<i>Thyasira incrassata</i>	2	0.9
<i>Thyasira obsoleta</i>	1	0.4
<i>Cuspidaria obesa</i>	125	53.2
<i>Cuspidaria parva</i>	105	44.7
Sta. Biogas II DS33, 2,338 m, 47°39.7'N, 08°40.5'W		
<i>Thyasira obsoleta</i>	1	8.3
<i>Policordia gemma</i>	1	8.3
<i>Cuspidaria parva</i>	2	16.7
<i>Cuspidaria</i> sp.	3	25.0
<i>Halonympha depressa</i>	5+1s	41.7
Sta. Biogas V DS65, 2,360 m, 47°36.1'N, 08°40.5'W		
<i>Yoldiella insculpta</i>	1	0.7
<i>Thyasira incrassata</i>	73	52.9
<i>Thyasira obsoleta</i>	6	4.4
<i>Cuspidaria parva</i>	58	42
Sta. S50, 2,397 m, 43°46.7'N, 03°38.0W		
<i>Pristigloma nitens</i>	5	0.5
<i>Deminucula atacellana</i>	1	0.1
<i>Neilonella salicensis</i>	16	1.4
<i>Ledella sublevis</i>	6	0.5

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Sample	No. of Individuals	Occurrence in %
<i>Ledella ultima</i>	12	1.1
<i>Yoldiella inconspicua inconspicua</i>	343	30.07
<i>Yoldiella jeffreysi</i>	1	0.1
<i>Yoldiella pseudolata</i>	153	13.7
<i>Malletia cuneata</i>	4	0.4
<i>Malletia johnsoni</i>	13	1.3
<i>Dacrydium ockelmanni</i>	52	4.7
<i>Thyasira brevis</i>	35	3.1
<i>Thyasira ferruginea</i>	29	2.6
<i>Thyasira subovata subovata</i>	106	9.5
<i>Thyasira</i> sp. S50	3	0.3
Tellinidae sp. f	3	0.3
<i>Kelliella atlantica</i>	335	30.0
<i>Bushia</i> sp.	2	0.2
<i>Luzonia simplex</i>	1	0.1
Sta. Biogas IV DS51, 2,430 m, 44°11.3'N, 04°15.4'W		
<i>Pristigloma nitens</i>	1	0.07
<i>Deminucula atacellana</i>	5	0.4
<i>Ledella pustulosa pustulosa</i>	3	0.2
<i>Yoldiella jeffreysi</i>	27	2
<i>Yoldiella lata</i>	421	31.1
<i>Yoldiella obesa incala</i>	1	0.07
<i>Malletia johnsoni</i>	10	0.7
<i>Adipicola simpsoni</i>	12	0.9
<i>Dacrydium wareni</i>	1	0.07
<i>Thyasira brevis</i>	19	1.4
<i>Thyasira equalis</i>	3	0.2
<i>Thyasira ferruginea</i>	1	0.07
<i>Kelliella atlantica</i>	789	58.3
<i>Verticordia quadrata</i>	1	0.07
<i>Policordia gemma</i>	2	0.2
<i>Cuspidaria parva</i>	21	1.6
<i>Cuspidaria</i> sp.	1	0.07
<i>Luzonia simplex</i>	35	2.6
Sta. 316, 2,493 m, 50°58.7'N, 13°01.6'W		
<i>Pristigloma nitens</i>	40	0.6
<i>Microgloma turnerae</i>	133	2.1
<i>Microgloma yongei</i>	1	0.02
<i>Microgloma</i> sp. s	1	0.02
<i>Deminucula atacellana</i>	727	11.2
<i>Nuculoidea bushae</i>	1	0.2
<i>Neilonella salicensis</i>	25	0.4
<i>Ledella pustulosa pustulosa</i>	12	0.2
<i>Yoldiella curta</i>	91	1.4
<i>Yoldiella inconspicua inconspicua</i>	20	0.3
<i>Yoldiella jeffreysi</i>	85	1.3
<i>Yoldiella pseudolata</i>	1653	25.5
<i>Malletia johnsoni</i>	109	1.7
<i>Limatula subovata</i>	7	0.1

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Sample	No. of Individuals	Occurrence in %
<i>Delectopecten vitreus</i>	2	0.03
<i>Delectopecten</i> sp. a	1	0.02
<i>Thyasira croulinensis</i>	7	0.1
<i>Abra profundorum</i>	15	0.2
<i>Kelliella atlantica</i>	3279	50.5
<i>Thracia</i> sp. 1	1	0.02
<i>Verticordia</i> sp.	1	0.02
<i>Policordia densicostata</i>	2	0.03
<i>Cuspidaria parva</i>	274	4.2
Sta. Incal DS06, 2,494 m, 56°26.6'N, 11°10.5'W		
<i>Pristigloma nitens</i>	1	0.05
<i>Microgloma turnerae</i>	2	0.09
<i>Deminucula atacellana</i>	24	1.1
<i>Nuculoma granulosa</i>	18	0.9
<i>Ledella pustulosa marshalli</i>	99	4.7
<i>Spinula subexisa</i>	1	0.05
<i>Yoldiella curta</i>	6	0.3
<i>Yoldiella inconspicua inconspicua</i>	277	13.1
<i>Yoldiella jeffreysi</i>	243	11.5
<i>Yoldiella lata</i>	86	4.1
<i>Yoldiella</i> sp.	1	0.05
<i>Malletia cuneata</i>	2	0.09
<i>Malletia johnsoni</i>	130	6.2
<i>Bathyarca inaequisculpta</i>	4	0.2
<i>Limatula subovata</i>	24	1.1
<i>Thyasira ferruginea</i>	1	0.05
<i>Thyasira subovata subovata</i>	496	23.5
<i>Thyasira</i> sp.	1	0.5
<i>Kelliella atlantica</i>	649	30.7
<i>Abra profundorum</i>	3	0.1
<i>Verticordia quadrata</i>	6	0.3
<i>Cuspidaria parva</i>	37	1.8
<i>Incerte cedis</i>	1	0.05
Sta. Incal DS05, 2,503 m, 56°28.1'N, 11°11.7'W		
<i>Pristigloma nitens</i>	4	0.4
<i>Deminucula atacellana</i>	5	0.5
<i>Neilonella salicensis</i>	3	0.3
<i>Ledella pustulosa marshalli</i>	92	9.4
<i>Ledella pustulosa pustulosa</i>	3	0.3
<i>Spinula subexisa</i>	5	0.5
<i>Yoldiella biscayensis</i>	1	0.1
<i>Yoldiella curta</i>	2	0.2
<i>Yoldiella fabula</i>	1	0.1
<i>Yoldiella inconspicua inconspicua</i>	270	27.7
<i>Yoldiella jeffreysi</i>	123	12.6
<i>Yoldiella lata</i>	7	0.7
<i>Malletia cuneata</i>	40	4.1
<i>Malletia johnsoni</i>	31	3.2

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Sample	No. of Individuals	Occurrence in %
<i>Limatula subovata</i>	7	0.7
<i>Thyasira subovata subovata</i>	67	6.9
<i>Kelliella atlantica</i>	310	31.8
<i>Policordia densicostata</i>	8	0.8
Sta. 318, 2,505 m, 50°50.27.3'N, 13°20.9'W		
<i>Pristigloma nitens</i>	85	1.2
<i>Microgloma turnerae</i>	12	0.2
<i>Deminucula atacellana</i>	22	0.3
<i>Brevinucula verrilli</i>	2	0.03
<i>Ledella pustulosa marshalli</i>	6	0.08
<i>Ledella pustulosa pustulosa</i>	25	0.4
<i>Spinula subexisa</i>	5	0.07
<i>Yoldiella inconspicua inconspicua</i>	338	4.7
<i>Yoldiella jeffreysi</i>	826	11.5
<i>Yoldiella lata</i>	258	3.6
<i>Yoldiella obesa incala</i>	3	0.04
<i>Malletia johnsoni</i>	24	0.3
<i>Dacrydium ockelmanni</i>	1	0.01
<i>Limatula margaretae</i>	3	0.04
<i>Limatula subovata</i>	13	0.2
<i>Axinulus incrassatus</i>	5	0.07
<i>Thyasira brevis</i>	1	0.01
<i>Thyasira croulinensis</i>	7	0.1
<i>Thyasira ferruginea</i>	8	0.1
<i>Thyasira obsoleta</i>	1	0.01
<i>Thyasira subovata subovata</i>	104	1.5
<i>Thyasira</i> sp. 1	3	0.04
<i>Thyasira</i> sp. 2 a	2	0.03
<i>Thyasira</i> sp. 17	4	0.06
<i>Thyasira</i> sp. 32	1	0.01
<i>Thyasira</i> sp. 318	3	0.04
<i>Mysella verrilli</i>	3	0.04
<i>Mysella</i> sp. 1	2	0.03
<i>Kelliella atlantica</i>	5445	75.7
<i>Cuspidaria parva</i>	11	0.2
<i>Cardiomya costellata</i>	14	0.2
<i>Rhinoclama abrupta</i>	1	0.01
<i>Halonympha atlanta</i>	1	0.01
<i>Protocuspidaria simplis</i>	4	0.06
<i>Incerte cedis</i> sp. 1 a	1	0.01
<i>Incerte cedis</i> sp. 318	2	0.03
Sta. Ch. 10, 2,540 m, 56°37.0'N, 11°04.0'W		
<i>Pristigloma alba</i>	5	0.1
<i>Pristigloma nitens</i>	285	7.5
<i>Microgloma turnerae</i>	11	0.3
<i>Deminucula atacellana</i>	147	3.9
<i>Ledella acuminata</i>	245	6.5
<i>Spinula subexisa</i>	13	0.3

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella dissimilis</i>	9	0.2
<i>Yoldiella jeffreysi</i>	355	9.4
<i>Yoldiella subequilateria</i>	194	5.1
<i>Silicula fragilis</i>	7	0.2
<i>Malletia cuneata</i>	71	1.9
<i>Malletia obtusa</i>	270	7.1
<i>Limatula subovata</i>	9	0.2
<i>Cyclopecten ambiannulatus</i>	6	0.2
<i>Thyasira brevis</i>	3	0.08
<i>Thyasira croulinensis</i>	12	0.3
<i>Thyasira subovata subovata</i>	388	10.3
<i>Epilepton subtrigonum</i>	5	0.1
<i>Axinodon symmetros</i>	37	1.0
<i>Kelliella atlantica</i>	1722	45.6
<i>Verticordia triangularis</i>	1	0.03
<i>Cuspidaria parva</i>	8	0.2
<i>Cuspidaria</i> sp.	1	0.03
<i>Incerte cedis</i> sp. 10	1	0.03
Sta. Incal DS10, 2,719 m, 50°12.7'N, 13°16.6'W		
<i>Pristigloma nitens</i>	3	1.2
<i>Spinula subexisa</i>	4	1.6
<i>Yoldiella inconspicua inconspicua</i>	21	8.2
<i>Yoldiella jeffreysi</i>	48	17.9
<i>Malletia cuneata</i>	2	0.8
<i>Malletia johnsoni</i>	3	1.3
<i>Limopsis cristata</i> agg.	1	0.4
<i>Dacrydium</i> sp.	1	0.4
<i>Limatula subovata</i>	1	0.4
<i>Thyasira brevis</i>	8	3.1
<i>Thyasira ferruginea</i>	1	0.4
<i>Thyasira subovata subovata</i>	6	2.3
<i>Kelliella atlantica</i>	156	60.7
<i>Poromya granulata</i>	2	0.8
Sta. Biogas IV DS58, 2,775 m, 47°34.1'N, 09°08.2'W		
<i>Ledella pustulosa marshalli</i>	5	9.8
<i>Yoldiella jeffreysi</i>	10	19.6
<i>Malletia cuneata</i>	3	5.9
<i>Malletia johnsoni</i>	1	2.0
<i>Dacrydium sandersi</i>	6	11.8
<i>Axinulus incrassatus</i>	11	21.6
<i>Thyasira brevis</i>	4	7.8
<i>Thyasira ferruginea</i>	2	3.9
<i>Thyasira</i> sp.	1	2.0
<i>Policordia atlantica</i>	1	2.0
<i>Cuspidaria parva</i>	2	3.9
<i>Myonera angularis</i>	5	9.8

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Sample	No. of Individuals	Occurrence in %
Sta. Biogas VI DS74, 2,777 m, 47°33.0'N, 09°07.8'W		
<i>Ledella pustulosa marshalli</i>	1+1s	1.5
<i>Ledella pustulosa pustulosa</i>	1s	-
<i>Yoldiella biscayensis</i>	7	10.5
<i>Yoldiella jeffreysi</i>	2	3.0
<i>Yoldiella obesa incala</i>	7	10.5
<i>Dacrydium sandersi</i>	17	25.4
<i>Axinulus incrassatus</i>	3	4.5
<i>Thyasira brevis</i>	1	1.5
<i>Thyasira subovata subovata</i>	1	1.5
<i>Policordia gemma</i>	1	1.5
<i>Cuspidaria parva</i>	27	40.3
Sta. Biogas IV DS59, 2,790 m, 47°31.7'N, 09°06.2'W		
<i>Ledella pustulosa pustulosa</i>	4	4.7
<i>Yoldiella biscayensis</i>	4	4.7
<i>Yoldiella lata</i>	2+2s	2.3
<i>Yoldiella obesa incala</i>	3	3.5
<i>Malletia abyssorum</i>	1	1.2
<i>Malletia polita</i>	1	1.2
<i>Dacrydium sandersi</i>	2	2.3
<i>Axinula incrassata</i>	1	1.2
<i>Thyasira subovata subovata</i>	2	2.3
<i>Thyasira succisa succisa</i>	1	1.2
<i>Kelliella atlantica</i>	2	2.3
<i>Cuspidaria obesa</i>	56	65.1
<i>Cuspidaria</i> sp.	1	1.2
Sta. Biogas VI DS73, 2,805 m, 47°32.1'N, 09°0.0'W		
<i>Ledella pustulosa marshalli</i>	1	33.3
<i>Ledella sublevis</i>	1	33.3
<i>Malletia</i> sp.	1	33.3
Sta. Biogas II DS31, 2,813 m, 47°32.5'N, 09°04.2'W		
<i>Deminucula atacellana</i>	1	0.4
<i>Yoldiella biscayensis</i>	11	4.3
<i>Yoldiella jeffreysi</i>	11	4.3
<i>Yoldiella insculpta</i>	4	1.6
<i>Yoldiella obesa incala</i>	2	0.8
<i>Dacrydium ockelmanni</i>	4	1.6
<i>Dacrydium sandersi</i>	10	3.9
<i>Axinula incrassata</i>	3	1.2
<i>Thyasira equalis</i>	2	0.8
<i>Thyasira obsoleta</i>	1	0.4
<i>Thyasira subovata subovata</i>	1	0.4
<i>Thyasira succisa succisa</i>	1	0.4
<i>Kelliella atlantica</i>	1	0.4

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Sample	No. of Individuals	Occurrence in %
<i>Cuspidaria obesa</i>	199	77.4
<i>Myonera angularis</i>	6	2.3
Sta. 321, 2,868 m, 50°12.3'N, 13°35.8'W		
<i>Pristigloma nitens</i>	24	4.0
<i>Microgloma turnerae</i>	7	1.2
<i>Deminucula atacellana</i>	4	0.7
<i>Brevinucula verrilli</i>	5	0.8
<i>Pseudotindaria</i> sp.	2	0.3
<i>Lametila abyssorum</i>	18	3.0
<i>Ledella pustulosa marshalli</i>	74	12.3
<i>Ledella sublevis</i>	3	0.5
<i>Spinula subexisa</i>	5	0.8
<i>Yoldiella biscayensis</i>	2	0.3
<i>Yoldiella jeffreysi</i>	94	15.6
<i>Malletia cuneata</i>	3	0.5
<i>Dacrydium ockelmanni</i>	24	4.0
<i>Limatula subovata</i>	3	0.5
<i>Parvamussium</i> sp. b	1	0.2
<i>Bathypecten eucymatus</i>	12	2.0
<i>Thyasira ferruginea</i>	1	0.2
<i>Thyasira obsoleta</i>	1	0.2
<i>Thyasira succisa succisa</i>	1	0.2
<i>Kelliella atlantica</i>	316	52.3
<i>Cuspidaria atlantica</i>	2	0.3
<i>Cuspidaria obesa</i>	2	0.3
Sta. Incal DS07, 2,884 m, 55°00.7'N, 12°31.0'W		
<i>Microgloma turnerae</i>	1	0.06
<i>Deminucula atacellana</i>	38	2.1
<i>Nuculanidae</i> sp.	1	0.06
<i>Ledella pustulosa marshalli</i>	500	28.2
<i>Spinula subexisa</i>	1	0.06
<i>Yoldiella biscayensis</i>	1	0.06
<i>Yoldiella jeffreysi</i>	267	15.5
<i>Malletia cuneata</i>	548	30.6
<i>Malletia johnsoni</i>	11	0.6
<i>Bathyarca inaequisculpta</i>	2	0.1
<i>Limatula subovata</i>	5	0.3
<i>Dacrydium ockelmanni</i>	23	1.3
<i>Thyasira subovata subovata</i>	174	9.8
<i>Thyasira</i> sp.	1	0.06
<i>Kelliella atlantica</i>	191	10.8
<i>Cuspidaria parva</i>	6	0.3
<i>Cuspidaria</i> sp.	3	0.2
<i>Myonera atlantica</i>	1	0.06
Sta. Incal DS08, 2,891 m, 55°02.0'N, 12°34.6'W		
<i>Deminucula atacellana</i>	1	0.3
<i>Ledella pustulosa marshalli</i>	57	15.3
<i>Spinula subexisa</i>	3	0.8

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella jeffreysi</i>	32	8.6
<i>Yoldiella inconspicua inconspicua</i>	58	15.6
<i>Silicula fragilis</i>	2	0.5
<i>Malletia cuneata</i>	56	15.1
<i>Malletia johnsoni</i>	2	0.5
<i>Limatula louiseae</i>	1	0.3
<i>Limatula subovata</i>	2	0.5
<i>Thyasira subovata subovata</i>	128	34.4
<i>Kelliella atlantica</i>	28	7.5
<i>Incerte cedis</i> sp. 1	1	0.3
<i>Incerte cedis</i> sp. 2	1	0.3
Sta. Incal DS09, 2,897 m, 55°07.7'N, 12°5 2.6'W		
<i>Pristigloma nitens</i>	1	0.04
<i>Pristigloma alba</i>	3	0.1
<i>Microgloma turnerae</i>	3	0.1
<i>Deminucula atacellana</i>	64	2.7
<i>Nuculoma granulosa</i>	3	0.1
<i>Ledella pustulosa pustulosa</i>	1	0.04
<i>Spinula subexisa</i>	11	0.5
<i>Yoldiella fabula</i>	3	0.1
<i>Yoldiella jeffreysi</i>	274	10.4
<i>Yoldiella inconspicua inconspicua</i>	267	36.6
<i>Malletia cuneata</i>	1043	44.0
<i>Malletia johnsoni</i>	16	0.7
<i>Bathyarca inaequisculpta</i>	1	0.04
<i>Limopsis subovata</i>	2	0.08
<i>Thyasira brevis</i>	19	0.8
<i>Thyasira equalis</i>	2	0.08
<i>Epilepton</i> sp.	1	0.04
Montacutidae sp.	7	0.3
<i>Kelliella atlantica</i>	219	9.2
<i>Verticordia triangularis</i>	1	0.04
<i>Cuspidaria parva</i>	1	0.04
<i>Cardiomya costellata</i>	14	0.6
<i>Myonera demistriata</i>	10	0.4
Sta. Ch. 6, 2,900 m, 55°03.0'N, 12°29.0'W		
<i>Pristigloma nitens</i>	416	3.0
<i>Deminucula atacellana</i>	456	3.6
<i>Ledella acuminata</i>	6583	47.0
<i>Spinula subexisa</i>	113	0.8
<i>Yoldiella dissimilis</i>	10	0.07
<i>Yoldiella lucida</i>	1	0.01
<i>Yoldiella jeffreysi</i>	6	0.04
<i>Yoldiella subequilatera</i>	1390	9.9
<i>Silicula fragilis</i>	23	0.2
<i>Malletia cuneata</i>	4301	30.7
<i>Malletia obtusa</i>	40	0.3
<i>Limopsis tenella</i>	4	0.03
<i>Limatula subovata</i>	9	0.06

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Sample	No. of Individuals	Occurrence in %
<i>Thyasira brevis</i>	3	0.02
<i>Thyasira croulinensis</i>	37	0.3
<i>Thyasira subovata subovata</i>	135	1.0
<i>Axinodon symmetros</i>	3	0.02
<i>Kelliella atlantica</i>	481	3.4
<i>Verticordia triangularis</i>	6	0.04
<i>Policordia jeffreysi</i>	1	0.01
Sta. Biogas IV DS57, 2,906 m, 47°30.8'N, 09°07.6'W		
<i>Ledella pustulosa marshalli</i>	1	6.3
<i>Ledella sublevis</i>	2	12.5
<i>Yoldiella fabula</i>	2	12.5
<i>Malletia cuneata</i>	1	6.3
<i>Limatula margaretae</i>	1	6.3
<i>Cuspidaria parva</i>	3	18.6
<i>Myonera angularis</i>	4	25.0
<i>Rhinoclama notabilis</i>	2	12.5
Sta. Biogas VI DS75, 3,250 m, 47°28.1'N, 09°07.6'W		
<i>Ledella ultima</i>	4	14.8
<i>Yoldiella biscayensis</i>	9	33.3
<i>Yoldiella ella</i>	4	14.8
<i>Yoldiella inconspicua inconspicua</i>	1	3.7
<i>Yoldiella subcircularis</i>	1	3.7
<i>Malletia cuneata</i>	1	3.7
<i>Dacrydium abyssorum</i>	1	3.7
<i>Kelliella atlantica</i>	5	18.5
<i>Abra profundorum</i>	1	3.7
Sta. 323, 3,338 m, 50°08.3'N, 13°53.7'W		
<i>Pristigloma nitens</i>	87	30.0
<i>Brevinucula verrilli</i>	3	1.0
<i>Neilonella whoii</i>	7	2.4
<i>Lametila abyssorum</i>	15	5.2
<i>Ledella pustulosa marshalli</i>	18	6.2
<i>Ledella sublevis</i>	4	1.4
<i>Ledella ultima</i>	4	1.4
<i>Spinula hilleri</i>	1	0.4
<i>Yoldiella biscayensis</i>	39	13.5
<i>Yoldiella ella</i>	9	3.1
<i>Yoldiella fabula</i>	1	0.4
<i>Yoldiella inconspicua inconspicua</i>	16	5.5
<i>Yoldiella jeffreysi</i>	6	2.1
<i>Malletia cuneata</i>	8	2.8
<i>Bathyarca inaequisculpta</i>	2	0.7
<i>Limatula celtica</i>	2	0.7
<i>Parvamussium permirum</i>	15	5.2
<i>Cyclopecten</i> sp. a	1	0.4
<i>Thyasira brevis</i>	12	4.2
<i>Thyasira transversa</i>	9	3.1
<i>Thyasira</i> sp. 1	3	1.0

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Sample	No. of Individuals	Occurrence in %
<i>Thyasira</i> sp. 15	1	0.4
<i>Thyasira</i> sp. 17	3	1.0
<i>Thyasira</i> sp. 30	1	0.4
<i>Thyasira</i> sp. 323	2	0.7
<i>Abra profundorum</i>	10	3.5
<i>Kelliella</i> sp. 323	1	0.4
<i>Verticordia</i> sp.	1	0.4
<i>Cetoconcha</i> sp.	1	0.4
<i>Cuspidaria</i> sp.	4	1.4
<i>Poromya</i> sp.	1	0.4
<i>Incerte cedis</i> sp. 323	2	0.7
Sta. Biogas III DS40, 3,345 m, 47°36.4'N, 09°04.2'W		
<i>Kelliella atlantica</i>	2	100.0
Sta. Biogas V DS66, 3,480 m, 47°28.2'N, 09°00.0'W		
<i>Tindaria callistiformis</i>	2	2.0
<i>Neilonella whoii</i>	4	4.0
<i>Ledella pustulosa marshalli</i>	1	1.0
<i>Ledella sublevis</i>	1	1.0
<i>Ledella ultima</i>	1	1.0
<i>Yoldiella biscayensis</i>	31	31.3
<i>Yoldiella ella</i>	21	21.2
<i>Yoldiella fabula</i>	1	1.0
<i>Yoldiella inconspicua inconspicua</i>	3	3.0
<i>Silicula filatovae</i>	2	2.0
<i>Malletia cuneata</i>	18	18.2
<i>Limatula margaretae</i>	1	1.0
<i>Thyasira ferruginea</i>	11	11.1
<i>Kelliella atlantica</i>	1	1.0
<i>Policordia gemma</i>	1	1.0
Sta. Biogas III DS41, 3,548 m, 47°28.3'N, 09°07.2'W		
<i>Deminucula atacellana</i>	1	0.4
<i>Neilonella whoii</i>	4	1.7
<i>Ledella pustulosa hampsoni</i>	12	5.0
<i>Ledella pustulosa pustulosa</i>	19	7.9
<i>Ledella sublevis</i>	22	9.1
<i>Spinula subexisa</i>	2	0.8
<i>Yoldiella biscayensis</i>	24	10.0
<i>Yoldiella fabula</i>	1	0.4
<i>Yoldiella inconspicua inconspicua</i>	5	2.1
<i>Yoldiella jeffreysi</i>	4	1.7
<i>Malletia cuneata</i>	2	0.8
<i>Dacrydium sandersi</i>	61	25.3
<i>Limatula margaretae</i>	3	1.2
<i>Axinulus incrassatus</i>	3	1.2
<i>Thyasira subovata subovata</i>	1	0.4
<i>Cuspidaria obesa</i>	77	32.0

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Sample	No. of Individuals	Occurrence in %
Sta. Biogas IV DS60, 3,742 m, 47°26.8'N, 09°07.2'W		
<i>Neilonella whoii</i>	2	3.6
<i>Ledella sublevis</i>	6	10.9
<i>Yoldiella biscayensis</i>	24	43.6
<i>Yoldiella ella</i>	6	10.9
<i>Malletia cuneata</i>	10	18.2
<i>Limatula margaretae</i>	1	1.8
<i>Thyasira ferruginea</i>	1	1.8
<i>Abra profundorum</i>	2	3.6
<i>Verticordia triangularis</i>	1	1.8
<i>Cuspidaria parva</i>	2	3.6
Sta. 325, 3,846 m, 50°06.2'N, 14°20.9'W		
<i>Protocuspidaria verityi</i>	1	20.0
<i>Cuspidaria</i> sp. 1	1	20.0
<i>Rhinoclama notabilis</i>	3	60.0
Sta. 326, 3,859 m, 50°04.9'N, 14°23.8'W		
<i>Pristigloma nitens</i>	4	1.7
<i>Neilonella whoii</i>	5	2.2
<i>Lametila abyssorum</i>	2	0.9
<i>Ledella pustulosa pustulosa</i>	12	5.2
<i>Ledella sublevis</i>	12	5.2
<i>Ledella ultima</i>	7	3.0
<i>Silicula filatovae</i>	1	0.4
<i>Yoldiella biscayensis</i>	29	12.5
<i>Yoldiella ella</i>	12	5.2
<i>Yoldiella inconspicua inconspicua</i>	3	1.3
<i>Malletia cuneata</i>	85	36.6
<i>Limatula margaretae</i>	3	1.3
<i>Thyasira croulinensis</i>	1	0.4
<i>Thyasira transversa</i>	12	5.2
<i>Thyasira</i> sp. 17	6	2.6
<i>Kelliella atlantica</i>	33	14.2
<i>Cuspidaria parva</i>	1	0.4
<i>Cuspidaria</i> sp. 326	4	1.7
Sta. Biogas III DS44, 3,992 m, 47°33.2'N, 09°42.0'W		
<i>Yoldiella biscayensis</i>	4	7.6
<i>Malletia cuneata</i>	2	3.8
<i>Bathyarca inaequisculpta</i>	41	77.4
<i>Dacrydium abyssorum</i>	4	7.6
<i>Thyasira equalis</i>	1	1.9
<i>Kelliella atlantica</i>	1	1.9
Sta. Biogas IV DS56, 4,050 m, 47°32.7'N, 09°28.2'W		
<i>Tindaria callistiformis</i>	1	1.4
<i>Neilonella whoii</i>	2	2.7
<i>Ledella ultima</i>	3	4.1
<i>Yoldiella biscayensis</i>	1	1.4

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella ella</i>	3	4.1
<i>Yoldiella fabula</i>	1	1.4
<i>Malletia cuneata</i>	4	5.4
<i>Dacrydium abyssorum</i>	15	20.3
<i>Thyasira ferruginea</i>	1	1.4
<i>Kelliella atlantica</i>	5	6.8
<i>Abra profundorum</i>	4	5.4
<i>Myonera</i> sp.	33	44.6
<i>Incerte cedis</i>	1	1.4
Sta. Biogas III DS42, 4,104 m, 47°32.1'N, 09°35.6'W		
<i>Yoldiella ella</i>	1	14.3
<i>Malletia cuneata</i>	2	28.6
<i>Dacrydium abyssorum</i>	1	14.3
<i>Thyasira equalis</i>	1	14.3
<i>Abra profundorum</i>	2	28.6
Sta. Biogas II DS30, 4,106 m, 47°38.3'N, 09°33.9'W		
<i>Ledella ultima</i>	1	5.6
<i>Yoldiella fabula</i>	1	5.6
<i>Malletia abyssorum</i>	4	22.2
<i>Malletia cuneata</i>	1	5.6
<i>Limatula margaretae</i>	3	16.7
<i>Thyasira brevis</i>	1	5.6
<i>Thyasira equalis</i>	3	16.7
<i>Thyasira ferruginea</i>	1	5.6
<i>Kelliella atlantica</i>	3	16.7
Sta. Biogas IV DS55, 4,125 m, 47°34.9'N, 09°40.9'W		
<i>Neilonella whoii</i>	3	0.4
<i>Ledella pustulosa marshalli</i>	2	0.3
<i>Ledella ultima</i>	12	1.8
<i>Yoldiella biscayensis</i>	76	11.1
<i>Yoldiella ella</i>	80	11.6
<i>Yoldiella fabula</i>	3	0.4
<i>Yoldiella inconspicua inconspicua</i>	58	8.4
<i>Yoldiella subcircularis</i>	7	1.0
<i>Malletia abyssorum</i>	65	9.5
<i>Malletia cuneata</i>	109	15.9
<i>Dacrydium abyssorum</i>	246	35.8
<i>Limatula margaretae</i>	1	0.2
<i>Thyasira atlantica</i>	1	0.2
<i>Thyasira brevis</i>	3	0.4
<i>Thyasira equalis</i>	1	0.2
<i>Thyasira ferruginea</i>	8	1.2
<i>Kelliella atlantica</i>	137	19.9
<i>Abra profundorum</i>	10	1.5
<i>Policordia gemma</i>	9	1.3
<i>Cuspidaria parva</i>	15	2.2
<i>Incerte cedis</i>	1	0.2

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Sample	No. of Individuals	Occurrence in %
Sta. Polygas DS22, 4,144 m, 47°34.1'N, 09°38.4'W		
<i>Neilonella whoii</i>	2	1.0
<i>Yoldiella biscayensis</i>	21	10.9
<i>Yoldiella ella</i>	4	2.1
<i>Yoldiella inconspicua inconspicua</i>	3	1.6
<i>Yoldiella subcircularis</i>	4	2.1
<i>Malletia abyssorum</i>	12	6.3
<i>Malletia cuneata</i>	27	14.1
<i>Dacrydium abyssorum</i>	59	30.7
<i>Limatula margaretae</i>	1	0.5
<i>Thyasira equalis</i>	1	0.5
<i>Kelliella atlantica</i>	35	18.2
<i>Kelliella elongata</i>	2	1.0
<i>Abra profundorum</i>	6	3.1
<i>Policordia gemma</i>	4	2.1
<i>Cuspidaria</i> sp.	5	2.6
<i>Rhinoclama notabilis</i>	5	2.6
<i>Poromya</i> sp.	1	0.5
Sta. Biogas V DS67, 4,150 m, 47°31.0'N, 09°35.0'W		
<i>Pristigloma alba</i>	3	4.4
<i>Microgloma yongei</i>	2s	-
<i>Ledella pustulosa marshalli</i>	1	1.5
<i>Yoldiella biscayensis</i>	4	5.8
<i>Yoldiella ella</i>	4	5.8
<i>Yoldiella inconspicua inconspicua</i>	1	1.5
<i>Malletia abyssorum</i>	7	10.1
<i>Malletia cuneata</i>	9	13.0
<i>Dacrydium abyssorum</i>	23	33.3
<i>Limatula margaretae</i>	1	1.5
<i>Thyasira ferruginea</i>	4	5.8
<i>Axinodon symmetros</i>	1	1.5
<i>Kelliella atlantica</i>	6	8.7
<i>Abra profundorum</i>	2	2.9
<i>Cuspidaria parva</i>	3	4.4
Sta. Polygas DS21, 4,190 m, 47°31.5'N, 09°40.7'W		
<i>Ledella pustulosa marshalli</i>	1	0.8
<i>Silicula filatovae</i>	1	0.8
<i>Yoldiella biscayensis</i>	6	4.7
<i>Yoldiella ella</i>	8	6.3
<i>Yoldiella fibula</i>	1	0.8
<i>Yoldiella inconspicua inconspicua</i>	3	2.4
<i>Yoldiella subcircularis</i>	1	0.8
<i>Malletia abyssorum</i>	16	12.6
<i>Malletia cuneata</i>	24	18.9
<i>Dacrydium abyssorum</i>	26	20.5
<i>Limatula margaretae</i>	1	0.8

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Thyasira croulinensis</i>	3	2.4
<i>Kelliella atlantica</i>	8	6.3
<i>Abra profundorum</i>	4	3.2
<i>Policordia atlantica</i>	2	1.6
<i>Cuspidaria parva</i>	12	9.5
<i>Cuspidaria</i> sp.	8	6.3
<i>Poromya</i> sp.	1	0.8
<i>Incerte cedis</i>	1	0.8
Sta. Biogas III DS48, 4,203 m, 44°29.0'N, 04°54.0'W		
<i>Malletia abyssorum</i>	7	53.9
<i>Dacrydium abyssorum</i>	2	15.4
<i>Thyasira brevis</i>	2	15.4
<i>Thyasira ferruginea</i>	2	15.4
Sta. Incal DS15, 4,211 m, 47°33.4'N, 09°39.1'W		
<i>Ledella ultima</i>	3	2.7
<i>Yoldiella biscayensis</i>	6	5.5
<i>Yoldiella ella</i>	3	2.7
<i>Yoldiella subcircularis</i>	12	10.9
<i>Malletia abyssorum</i>	2	1.8
<i>Malletia cuneata</i>	13	11.8
<i>Dacrydium abyssorum</i>	43	39.1
<i>Limatula celtica</i>	1	0.9
<i>Limatula louiseae</i>	1	0.9
<i>Thyasira brevis</i>	2	1.8
<i>Thyasira ferruginea</i>	3	2.7
<i>Thyasira subovata subovata</i>	2	1.8
<i>Kelliella atlantica</i>	9	8.2
<i>Abra profundorum</i>	2	1.8
<i>Policordia gemma</i>	1	0.9
<i>Cuspidaria obesa</i>	2	1.8
<i>Myonera atlantica</i>	5	4.6
Sta. Polygas DS20, 4,226 m, 47°33.0'N, 09°36.7'W		
<i>Neilonella whoii</i>	2	0.8
<i>Ledella pustulosa marshalli</i>	2	0.8
<i>Ledella ultima</i>	1	0.4
<i>Yoldiella biscayensis</i>	10	3.9
<i>Yoldiella ella</i>	25	9.8
<i>Yoldiella inconspicua inconspicua</i>	2	0.8
<i>Yoldiella subcircularis</i>	7	2.7
<i>Malletia abyssorum</i>	14	5.5
<i>Malletia cuneata</i>	25	9.8
<i>Dacrydium abyssorum</i>	89	34.8
<i>Kelliella atlantica</i>	53	20.7
<i>Abra profundorum</i>	8	0.8
<i>Policordia gemma</i>	3	1.2
<i>Cuspidaria parva</i>	3	1.2

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Sample	No. of Individuals	Occurrence in %
Sta. Biogas VI DS76, 4,228 m, 47°34.8'N, 09°33.3'W		
<i>Neilonella whoii</i>	8	0.6
<i>Serapta</i> sp.	1	0.08
<i>Ledella pustulosa marshalli</i>	5	0.4
<i>Ledella ultima</i>	30	2.3
<i>Yoldiella biscayensis</i>	101	7.7
<i>Yoldiella ella</i>	243	18.5
<i>Yoldiella fabula</i>	1	0.08
<i>Malletia abyssorum</i>	8	0.6
<i>Malletia cuneata</i>	34	2.6
<i>Dacrydium abyssorum</i>	579	44.2
<i>Limatula margaretae</i>	3	0.2
<i>Thyasira equalis</i>	1	0.08
<i>Thyasira ferruginea</i>	8	0.6
<i>Thyasira transversa</i>	2	0.2
<i>Thyasira</i> sp.	2	0.2
<i>Kelliella atlantica</i>	256	19.5
<i>Kelliella</i> sp.	1	0.08
<i>Abra profundorum</i>	23	1.8
<i>Policordia</i> sp.	3	0.2
Sta. Biogas III DS47, 4,230 m, 44°26.8'N, 04°50.7'W		
<i>Neilonella whoii</i>	2	100.0
Sta. Biogas VI DS77, 4,240 m, 47°31.8'N, 09°34.6'W		
<i>Neilonella salicensis</i>	1	0.3
<i>Ledella ultima</i>	6	1.5
<i>Silicula filatovae</i>	1	0.3
<i>Yoldiella biscayensis</i>	11	2.8
<i>Yoldiella ella</i>	55	14.0
<i>Yoldiella inconspicua inconspicua</i>	1	0.3
<i>Yoldiella subcircularis</i>	13	3.3
<i>Malletia abyssorum</i>	10	2.5
<i>Malletia cuneata</i>	34	8.7
<i>Dacrydium abyssorum</i>	148	37.7
<i>Limatula margaretae</i>	2	0.5
<i>Thyasira ferruginea</i>	5	1.3
<i>Kelliella atlantica</i>	79	20.1
<i>Abra profundorum</i>	9	2.3
<i>Cuspidaria parva</i>	7	1.8
Sta. Incal DS14, 4,254 m, 47°32.6'N, 09°35.7'W		
<i>Neilonella whoii</i>	2	1.0
<i>Ledella ultima</i>	8	4.0
<i>Silicula filatovae</i>	5	2.5
<i>Yoldiella biscayensis</i>	7	3.5
<i>Yoldiella ella</i>	20	10.1
<i>Yoldiella fabula</i>	1	0.5
<i>Yoldiella inconspicua inconspicua</i>	1	0.5

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella jeffreysi</i>	1	0.5
<i>Yoldiella subcircularis</i>	3	1.5
<i>Malletia cuneata</i>	28	14.1
<i>Bathyarca inaequisculpta</i>	1	0.5
<i>Dacrydium abyssorum</i>	75	37.7
<i>Limatula subovata</i>	2	1.0
<i>Thyasira subovata subovata</i>	7	3.5
<i>Montacuta</i> sp.	6	3.0
<i>Kelliella atlantica</i>	1	0.5
<i>Abra profundorum</i>	4	2.0
<i>Poromya tornata</i>	1	0.5
<i>Protocuspidaria</i> sp.	4	2.0
<i>Cuspidaria parva</i>	8	4.0
<i>Rhinoclama notabilis</i>	2	1.0
<i>Myonera atlantica</i>	12	6.0
Sta. Incal DS16, 4,268 m, 47°29.6'N, 09°33.4'W		
<i>Deminucula atacellana</i>	1	0.2
<i>Neilonella whoii</i>	1	0.2
<i>Ledella ultima</i>	14	3.0
<i>Spinula subexisa</i>	1	0.2
<i>Silicula filatovae</i>	1	0.2
<i>Yoldiella biscayensis</i>	13	2.8
<i>Yoldiella ella</i>	57	12.3
<i>Yoldiella fabula</i>	2	0.4
<i>Yoldiella inconspicua inconspicua</i>	7	1.5
<i>Yoldiella jeffreysi</i>	1	0.2
<i>Yoldiella</i> sp.	5	1.1
<i>Malletia cuneata</i>	22	4.8
<i>Malletia polita</i>	3	0.7
<i>Bathyarca inaequisculpta</i>	4	0.9
<i>Dacrydium abyssorum</i>	123	26.6
<i>Limatula margaretae</i>	6	1.2
<i>Thyasira brevis</i>	2	0.4
<i>Thyasira</i> sp.	32	6.9
<i>Kelliella atlantica</i>	77	16.7
<i>Abra profundorum</i>	10	2.2
<i>Verticordia quadrata</i>	2	0.4
<i>Poromya tornata</i>	6	1.3
<i>Cuspidaria</i> sp. 1	6	1.3
<i>Cuspidaria</i> sp. 2	1	0.2
<i>Cuspidaria</i> sp. 3	39	8.4
<i>Rhinoclama notabilis</i>	15	3.3
<i>Myonera atlantica</i>	11	2.4
Sta. Polygas DS28, 4,413 m, 44°23.8'N, 04°47.5'W		
<i>Neilonella whoii</i>	1	1.9
<i>Ledella pustulosa marshalli</i>	3	5.7
<i>Silicula filatovae</i>	2	3.8
<i>Yoldiella fabula</i>	1	1.9

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Yoldiella inconspicua inconspicua</i>	7	13.2
<i>Thyasira brevis</i>	15	28.3
<i>Kelliella atlantica</i>	21	39.6
<i>Incerte cedis</i>	3	5.7
Sta. Biogas IV DS53, 4,425 m, 44°30.4'N, 04°56.3'W		
<i>Neilonella whoii</i>	30	20.0
<i>Ledella pustulosa marshalli</i>	6	4.0
<i>Ledella ultima</i>	35	23.3
<i>Yoldiella biscayensis</i>	11	7.3
<i>Yoldiella jeffreysi</i>	1	0.7
<i>Malletia abyssorum</i>	25	16.7
<i>Bathyarca inaequisculpta</i>	6	4.0
<i>Thyasira brevis</i>	20	13.3
<i>Thyasira ferruginea</i>	3	2.0
<i>Kelliella atlantica</i>	10	6.7
<i>Kelliella</i> sp.	1	0.7
<i>Cuspidaria parva</i>	1	0.7
<i>Incerte cedis</i>	1	0.7
Sta. 328, 4,435 m, 50°04.7'N, 15°44.8'W		
<i>Pristigloma nitens</i>	15	9.3
<i>Neilonella whoii</i>	6	3.7
<i>Ledella ultima</i>	45	28
<i>Yoldiella biscayensis</i>	13	8.1
<i>Yoldiella ella</i>	9	5.6
<i>Yoldiella jeffreysi</i>	2	1.2
<i>Silicula filatovae</i>	6	3.7
<i>Malletia abyssorum</i>	2	1.2
<i>Malletia cuneata</i>	1	0.6
<i>Limatula celtica</i>	7	4.4
<i>Dacrydium abyssorum</i>	1	0.6
<i>Limatula margaretae</i>	1	0.6
<i>Bathypecten</i> sp. b	4	2.5
<i>Bathypecten</i> sp. c	3	1.9
<i>Cyclopecten ambiannulatus</i>	3	1.9
<i>Cyclopecten</i> sp. a	30	18.6
<i>Thyasira carrozae</i>	1	0.6
<i>Thyasira</i> sp. 328	1	0.6
<i>Kelliella atlantica</i>	2	1.2
<i>Abra profundorum</i>	3	1.9
<i>Cuspidaria parva</i>	6	3.7
<i>Incerte cedis</i> sp. 328	1	0.6
Sta. Biogas VI DS83, 4,453 m, 44°22.4'N, 04°51.0'W		
<i>Thyasira</i> sp.	22	100.0
Sta. Biogas VI DS82, 4,462 m, 44°25.4'N, 04°52.8'W		
<i>Neilonella salicensis</i>	1	0.7
<i>Neilonella whoii</i>	16	11.6

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella biscayensis</i>	27	19.2
<i>Yoldiella inconspicua inconspicua</i>	1	0.7
<i>Malletia abyssorum</i>	94	66.7
<i>Malletia cuneata</i>	3	2.1
<i>Bathyarca inaequisculpta</i>	3	2.1
<i>Thyasira brevis</i>	1	0.7
<i>Thyasira ferruginea</i>	2	1.4
<i>Kelliella atlantica</i>	2	1.4
<i>Cuspidaria</i> sp.	1	0.7
Sta. Biogas VI DS85, 4,462 m, 44°23.2'N, 04°50.8'W		
<i>Microgloma yongei</i>	1	1.1
<i>Ledella ultima</i>	16	18
<i>Yoldiella biscayensis</i>	2	2.3
<i>Malletia abyssorum</i>	4	4.5
<i>Thyasira brevis</i>	44	49.4
<i>Thyasira equalis</i>	1	1.1
<i>Thyasira ferruginea</i>	13	14.6
Sta. Biogas VI DS84, 4,466 m, 44°30.0'N, 04°53.9'W		
<i>Ledella ultima</i>	82	83.7
<i>Yoldiella fabula</i>	1	1.0
<i>Malletia abyssorum</i>	11	11.2
<i>Malletia cuneata</i>	1	1.0
<i>Thyasira ferruginea</i>	3	3.1
Sta. Biogas V DS69, 4,510 m, 44°21.9'N, 04°52.4'W		
<i>Ledella ultima</i>		
<i>Yoldiella biscayensis</i>	6	18.8
<i>Silicula filatovae</i>	1	3.1
<i>Malletia abyssorum</i>	4	12.5
<i>Dacrydium abyssorum</i>	1	3.1
<i>Thyasira brevis</i>	9	28.1
<i>Thyasira ferruginea</i>	5	15.6
<i>Kelliella atlantica</i>	1	3.1
<i>Abra profundorum</i>	1	3.1
Sta. Biogas III DS46, 4,521 m, 46°28.6'N, 10°23.0'W		
<i>Ledella ultima</i>	7	25.0
<i>Malletia abyssorum</i>	12	42.9
<i>Malletia polita</i>	1	3.6
<i>Dacrydium abyssorum</i>	3	10.7
<i>Thyasira brevis</i>	5	17.9
<i>Abra profundorum</i>	1s	-
Sta. Biogas V DS68, 4,550 m, 46°26.7'N, 10°23.9'W		
<i>Ledella aberrata</i>	2	6.3
<i>Ledella ultima</i>	2	6.3
<i>Yoldiella biscayensis</i>	2	6.3

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Sample	No. of Individuals	Occurrence in %
<i>Yoldiella ella</i>	3	9.4
<i>Yoldiella jeffreysi</i>	1	3.1
<i>Yoldiella subcircularis</i>	1	3.1
<i>Malletia abyssorum</i>	2	6.3
<i>Bathyarca inaequisculpta</i>	2	6.3
<i>Dacrydium abyssorum</i>	10	31.3
<i>Kelliella atlantica</i>	6	18.8
<i>Abra profundorum</i>	1	3.1
Sta. 330, 4,632 m, 50°43.5'N, 17°51.7'W		
<i>Pristigloma alba</i>	1	0.08
<i>Microgloma turnerae</i>	1	0.08
<i>Nucula</i> sp. 330	2	0.2
<i>Brevinucula verrilli</i>	29	2.2
<i>Neilonella whoii</i>	16	1.2
<i>Pseudotindaria championi</i>	3	0.2
<i>Ledella acinula</i>	3	0.2
<i>Ledella pustulosa marshalli</i>	1	0.08
<i>Ledella sublevis</i>	1	0.08
<i>Ledella ultima</i>	139	10.5
<i>Yoldiella biscayensis</i>	29	2.2
<i>Yoldiella ella</i>	137	10.4
<i>Yoldiella fibula</i>	1	0.08
<i>Yoldiella inconspicua inconspicua</i>	30	2.3
<i>Yoldiella jeffreysi</i>	155	11.8
<i>Yoldiella subcircularis</i>	8	0.6
<i>Silicula filatovae</i>	1	0.08
<i>Malletia abyssorum</i>	10	0.8
<i>Malletia polita</i>	1	0.08
<i>Bentharca asperula</i>	3	0.2
<i>Bathyarca inaequisculpta</i>	5	0.4
<i>Limopsis galathea</i>	47	3.6
<i>Mytilidae</i> sp. 330	3	0.2
<i>Limatula celtica</i>	4	0.3
<i>Limatula margaretae</i>	1	0.08
<i>Pectinidae</i> sp. b	20	1.5
<i>Parvamussium permirum</i>	31	2.4
<i>Cyclopecten ambiannulatus</i>	1	0.08
<i>Thyasira atlantica</i>	5	0.3
<i>Thyasira biscayensis</i>	9	0.7
<i>Thyasira brevis</i>	58	4.4
<i>Thyasira croulinensis</i>	2	0.2
<i>Thyasira ferruginea</i>	31	2.4
<i>Thyasira succisa atlantica</i>	12	0.9
<i>Thyasira transversa</i>	8	0.6
<i>Thyasira</i> sp. 15	6	0.4
<i>Thyasira</i> sp. 17	3	0.2
<i>Thyasira</i> sp. 47 a	1	0.08
<i>Thyasira</i> sp. 330	4	0.3
<i>Thyasira</i> sp.	2	0.2
<i>Mysella</i> sp. 1	8	0.6
<i>Abra profundorum</i>	27	2.1

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Sample	No. of Individuals	Occurrence in %
<i>Kelliella abyssicola</i>	1	0.08
<i>Kelliella atlantica</i>	17	1.3
<i>Policordia insoleta</i>	3	0.2
<i>Policordia laevis</i>	2	0.2
<i>Laevicordia horrida</i>	10	0.8
<i>Poromya tornata</i>	1	0.08
<i>Cuspidaria abbreviata</i>	3	0.2
<i>Cuspidaria atlantica</i>	72	5.5
<i>Cuspidaria parva</i>	1	0.08
<i>Cuspidaria</i> sp. d	6	0.4
<i>Cuspidaria</i> sp. g	6	0.4
<i>Cuspidaria</i> sp. h	1	0.08
<i>Cuspidaria</i> sp. 1	3	0.2
<i>Cuspidaria</i> sp. 3	4	0.3
<i>Cardiomya costellata</i>	1	0.08
<i>Rhinoclama notabilis</i>	5	0.4
<i>Halonympha depressa</i>	4	0.3
<i>Myonera demistriata</i>	25	1.9
<i>Edentaria simplis</i>	5	0.4
<i>Lyonsiella perplexa</i>	7	0.5
<i>Lyonsiella smidti</i>	4	0.3
<i>Lyonsiella subquadrata</i>	1	0.08
<i>Incerte cedis</i> sp. 1 a	2	0.2
<i>Incerte cedis</i> sp. 330	2	0.2
<i>Incerte cedis</i> sp. 334	1	0.08
Sta. Biogas IV DS54, 4,659 m, 46°31.1'N, 10°29.2'W		
<i>Pristigloma alba</i>	1	0.6
<i>Neilonella whoii</i>	13	7.7
<i>Ledella aberrata</i>	7	4.1
<i>Ledella ultima</i>	19	11.2
<i>Yoldiella biscayensis</i>	20	11.8
<i>Yoldiella jeffreysi</i>	1	0.6
<i>Yoldiella subcircularis</i>	2	1.2
<i>Malletia abyssorum</i>	68	40.2
<i>Malletia cuneata</i>	7	4.1
<i>Dacrydium abyssorum</i>	4	2.4
<i>Thyasira brevis</i>	2	1.2
<i>Thyasira inflata</i>	1	0.6
<i>Thyasira</i> sp.	1	0.6
<i>Kelliella atlantica</i>	18	10.7
<i>Abra profundorum</i>	3	1.8
<i>Cuspidaria parva</i>	1	0.6
<i>Incerte cedis</i>	1	0.6
Sta. Biogas VI DS78, 4,706 m, 46°31.2'N, 10°23.8'W		
<i>Tindaria callistiformis</i>	1	0.2
<i>Tindaria hessleri</i>	1	0.2
<i>Neilonella whoii</i>	32	7.5
<i>Ledella aberrata</i>	18	4.2

(continues)

(continued)

Sample	No. of Individuals	Occurrence in %
<i>Ledella galathea</i>	1	0.2
<i>Ledella ultima</i>	29	6.8
<i>Yoldiella biscayensis</i>	48	11.2
<i>Yoldiella ella</i>	3	0.7
<i>Yoldiella jeffreysi</i>	1	0.2
<i>Yoldiella subcircularis</i>	4	0.9
<i>Malletia abyssorum</i>	201	47.0
<i>Malletia cuneata</i>	21	4.9
<i>Malletia polita</i>	8	1.9
<i>Dacrydium abyssorum</i>	21	4.9
<i>Thyasira equalis</i>	2	0.5
<i>Mysella tumidula</i>	1	0.2
<i>Kelliella atlantica</i>	33	7.7
<i>Mactridae</i> sp.	2	0.5
<i>Policordia</i> sp.	1	0.2
Sta. Biogas VI DS79, 4,715 m, 46°30.4'N, 10°27.1'W		
<i>Microgloma turnerae</i>	2	0.4
<i>Tindaria miniscula</i>	1	0.2
<i>Pseudotindaria erebus</i>	3	0.6
<i>Neilonella whoii</i>	13	2.8
<i>Ledella aberrata</i>	17	3.6
<i>Ledella acinula</i>	15	3.2
<i>Ledella ultima</i>	21	4.5
<i>Yoldiella biscayensis</i>	110	23.3
<i>Yoldiella ella</i>	9	1.9
<i>Yoldiella jeffreysi</i>	2	0.4
<i>Yoldiella obesa incala</i>	1	0.2
<i>Yoldiella subcircularis</i>	4	0.9
<i>Malletia abyssorum</i>	129	27.3
<i>Malletia cuneata</i>	58	12.3
<i>Malletia polita</i>	12	2.5
<i>Bathyarca inaequisculpta</i>	7	1.5
<i>Thyasira</i> sp.	1	0.2
<i>Kelliella atlantica</i>	56	11.9
<i>Abra profundorum</i>	1	0.2
<i>Cuspidaria</i> sp. 1	1	0.2
<i>Cuspidaria</i> sp. 2	7	1.5
<i>Myonera angularis</i>	2	0.4
Sta. Biogas VI DS81, 4,715 m, 46°28.3'N, 10°24.6'W		
<i>Neilonella whoii</i>	1	5.9
<i>Ledella aberrata</i>	2	11.8
<i>Ledella galathea</i>	1	5.9
<i>Yoldiella biscayensis</i>	10	58.8
<i>Yoldiella subcircularis</i>	1	5.9
<i>Malletia polita</i>	2	11.8
<i>Dacrydium abyssorum</i>	1	5.9

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(continued)

Sample	No. of Individuals	Occurrence in %
Sta. Biogas VI DS80, 4,720 m, 46°29.5'N, 10°29.5'W		
<i>Neilonella salicensis</i>	4	3.7
<i>Ledella aberrata</i>	3	2.8
<i>Ledella ultima</i>	6	5.6
<i>Yoldiella biscayensis</i>	19	17.6
<i>Yoldiella ella</i>	3	2.8
<i>Yoldiella obesa incala</i>	2	1.9
<i>Yoldiella subcircularis</i>	4	3.7
<i>Malletia abyssorum</i>	35	32.4
<i>Malletia cuneata</i>	17	15.7
<i>Malletia polita</i>	3	2.8
<i>Dacrydium abyssorum</i>	2	1.9
<i>Thyasira biscayensis</i>	2	1.9
<i>Kelliella atlantica</i>	7	6.5
<i>Cuspidaria</i> sp.	1	0.9
Sta. Polygas DS23 4,734 m, 46°32.8'N, 10°21.0'W		
<i>Pristigloma nitens</i>	2	0.7
<i>Neilonella whoii</i>	18	6.3
<i>Ledella aberrata</i>	5	1.7
<i>Ledella ultima</i>	5	1.7
<i>Ledella</i> sp.	1	0.4
<i>Yoldiella biscayensis</i>	17	5.9
<i>Yoldiella ella</i>	2	0.7
<i>Yoldiella fabula</i>	2	0.7
<i>Yoldiella jeffreysi</i>	1	0.4
<i>Malletia abyssorum</i>	163	56.8
<i>Malletia cuneata</i>	6	2.1
<i>Malletia polita</i>	3	1.1
<i>Dacrydium abyssorum</i>	21	7.3
<i>Thyasira brevis</i>	12	4.2
<i>Thyasira equalis</i>	2	0.7
<i>Kelliella atlantica</i>	25	8.7
<i>Myonera atlantica</i>	2	0.7
Sta. Incal DS11, 4,823 m, 48°18.8'N, 15°11.5'W		
<i>Neilonella whoii</i>	1	2.0
<i>Ledella aberrata</i>	2	4.1
<i>Ledella ultima</i>	5	10.2
<i>Yoldiella ella</i>	3	6.1
<i>Yoldiella jeffreysi</i>	1	2.0
<i>Yoldiella subcircularis</i>	1	2.0
<i>Dacrydium abyssorum</i>	8	16.3
<i>Thyasira biscayensis</i>	1	2.0
<i>Thyasira brevis</i>	3	6.1
<i>Thyasira obsoleta</i>	1	2.0
<i>Thyasira transversa</i>	20	40.8

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Abra profundorum</i>	2	4.1
<i>Protocuspidaria</i> sp.	1	2.0
CANARIES BASIN		
Sta. D6697, 1,564 m, 27°57.0'N, 13°46.2'W		
<i>Deminucula atacellana</i>	3	18.8
<i>Nuculoidea bushae</i>	2	12.5
<i>Limopsis cristata cristata</i>	1	6.3
<i>Thyasira obsolete</i>	3	18.8
<i>Kelliella atlantica</i>	7	43.8
Sta. D6696, 1,780 m, 28°06.0'N, 13°28.0'W		
<i>Nuculoidea bushae</i>	3	11.1
<i>Malletia cuneata</i>	2	7.4
<i>Bathyarca pectunculoides</i>	12	44.4
<i>Propeamussium meridionale</i>	1	3.7
<i>Thyasira obsolete</i>	2	7.4
<i>Cuspidaria atlantica</i>	1	3.7
<i>Cuspidaria jeffreysi</i>	1	3.7
<i>Cuspidaria</i> sp.	1	3.7
<i>Bidentaria atlantica</i>	1	3.7
<i>Lyonsiella formosa</i>	2	7.4
<i>Lyonsiella subquadrata</i>	1	3.7
Sta. D6701, 1,934 m, 27°45.2'N, 14°13.0'W		
<i>Deminucula atacellana</i>	6	2.3
<i>Nuculoidea bushae</i>	12	4.6
<i>Tindaria agatheda</i>	43	16.3
<i>Neilonella salicensis</i>	8	3.0
<i>Yoldiella insculpta</i>	1	0.4
<i>Yoldiella pseudolata</i>	9	3.4
<i>Yoldiella veletta</i>	1	0.4
<i>Dacrydium ockelmanni</i>	13	4.9
<i>Thyasira biscayensis</i>	1	0.4
<i>Thyasira obsolete</i>	2	0.8
<i>Thyasira</i> sp. 67	1	0.4
<i>Kelliella atlantica</i>	166	62.9
<i>Cuspidaria parva</i>	1	0.4
Sta. D6704, 2,129 m, 27°44.9'N, 14°25.0'W		
<i>Deminucula atacellana</i>	14	4.8
<i>Nuculoidea bushae</i>	17	5.8
<i>Brevinucula verrilli</i>	23	7.8
<i>Tindaria agatheda</i>	6	2.0
<i>Neilonella salicensis</i>	14	4.8
<i>Yoldiella insculpta</i>	12	4.1
<i>Yoldiella jeffreysi</i>	17	5.8
<i>Portlandia lenticula</i>	1	0.3
<i>Dacrydium ockelmanni</i>	5	1.7

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Abra profundorum</i>	1	0.3
<i>Kelliella atlantica</i>	182	61.9
<i>Protocuspidaria verityi</i>	1	0.3
<i>Rhinoclama halimera</i>	1	0.3
Sta. D6709, 2,351 m, 27°29.8'N, 15°20.1'W		
<i>Pristigloma alba</i>	2	5.9
<i>Microgloma turnerae</i>	5	14.7
<i>Brevinucula verrilli</i>	10	29.4
<i>Bentharca nodulosa</i>	1	2.9
Pectinidae sp.	1	2.9
<i>Thyasira obsoleta</i>	2	5.9
<i>Abra profundorum</i>	1	2.9
<i>Cuspidaria parva</i>	4	11.8
<i>Cuspidaria</i> sp.	1	2.9
<i>Rhinoclama halimera</i>	2	5.9
<i>Halongympha depressa</i>	2	5.9
<i>Protocuspidaria simplis</i>	1	2.9
<i>Lyonsiella abyssicola</i>	1	2.9
<i>Lyonsiella formosa</i>	1	2.9
Sta. D6707, 2,593 m, 27°29.2'N, 15°26.5'W		
<i>Brevinucula verrilli</i>	2	40.0
<i>Kelliella atlantica</i>	3	60.0
Sta. D6710, 2,670 m, 27°23.6'N, 15°39.6'W		
<i>Pristigloma nitens</i>	2	11.1
<i>Brevinucula verrilli</i>	6	33.3
<i>Spinula hilleri</i>	1	5.6
<i>Yoldiella insculpta</i>	2	11.1
<i>Bentharca nodulosa</i>	1	5.6
<i>Kelliella atlantica</i>	4	22.2
<i>Cuspidaria parva</i>	1	5.6
<i>Lyonsiella abyssicola</i>	1	5.6
Sta. D6711, 2,988 m, 27°14.9'N, 15°36.3'W		
<i>Pristigloma alba</i>	1	3.0
<i>Pristigloma nitens</i>	1	3.0
<i>Brevinucula verrilli</i>	1	3.0
<i>Neilonella whoii</i>	1	3.0
<i>Spinula hilleri</i>	1	3.0
<i>Malletia cuneata</i>	5	15.2
<i>Bentharca nodulosa</i>	8	24.2
<i>Limopsis minuta</i>	3	9.1
<i>Propeamussium centobi</i>	1	3.0
<i>Thyasira transversa</i>	2	6.1
Leptonidae sp. w	2	6.1
<i>Kelliella atlantica</i>	3	9.1
<i>Cuspidaria teres</i>	1	3.0

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Myonera atlantica</i>	1	3.0
<i>Myonera</i> sp.	1	3.0
<i>Poromya tornata</i>	1	3.0
Sta. D6714, 3,301 m, 27°13.0'N, 15°41.0'W		
<i>Yoldiella insculpta</i>	2	18.2
<i>Yoldiella subcircularis</i>	3	27.3
<i>Malletia abyssorum</i>	1	9.1
Pectinidae sp. a	1	9.1
<i>Myonera</i> sp.	3	27.3
<i>Lyonsiella freilei</i>	1	9.1
SIERRA LEONE BASIN		
Sta. 142, 1,796 m, 10°30.0'N, 17°51.5'W		
<i>Nuculoidea bushae</i>	48	4.4
<i>Nuculoma perforata</i>	101	9.3
<i>Neilonella salicensis</i>	21	1.9
<i>Ledella lusitanensis</i>	28	2.6
<i>Spinula filatovae</i>	19	1.8
<i>Yoldiella bilanta</i>	1	0.1
<i>Yoldiella curta</i>	46	4.3
<i>Malletia johnsoni</i>	4	0.4
<i>Dacrydium ockelmanni</i>	89	8.2
<i>Limatula subovata</i>	9	0.8
<i>Bathypecten</i> sp. e	20	1.9
<i>Cyclopecten</i> sp. a	6	0.6
<i>Thyasira carrozae</i>	43	4.0
<i>Thyasira equalis</i>	16	1.5
<i>Thyasira eumyaria</i>	41	3.8
<i>Thyasira obsoleta</i>	1	0.1
<i>Thyasira subcircularis</i>	2	0.2
<i>Thyasira subovata subovata</i>	34	3.2
<i>Thyasira succisa atlantica</i>	15	1.4
<i>Thyasira tortuosa</i>	2	0.2
<i>Thyasira transversa</i>	80	7.4
<i>Thyasira ultima</i>	38	3.5
<i>Thyasira</i> sp. 17	1	0.1
<i>Policordia atlantica</i>	5	0.5
<i>Cuspidaria parva</i>	40	3.7
<i>Luzonia simplex</i>	356	32.9
<i>Myonera atlantica</i>	6	0.6
<i>Protocuspidaria simplis</i>	2	0.2
<i>Lyonsiella formosa</i>	8	0.7
Sta. 138, 1,976 m, 10°36.0'N, 17°52.0'W		
<i>Nuculoma perforata</i>	30	62.5
<i>Brevinucula verrilli</i>	2	4.2
<i>Tindaria hessleri</i>	2	4.2
<i>Yoldiella bilanta</i>	1	2.1
<i>Malletia johnsoni</i>	3	6.3
<i>Bathyarca inaequisculpta</i>	2	4.2

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Thyasira ferruginea</i>	3	6.3
<i>Kelliella atlantica</i>	4	8.3
<i>Kelliella elongata</i>	1	2.1
Sta. 143, 2,095 m 10°35.0'N, 17°44'W		
<i>Nuculoma perforata</i>	18	16.8
<i>Brevinucula verrilli</i>	4	3.7
<i>Malletia johnsoni</i>	1	0.9
<i>Bathyarca inaequisculpta</i>	9	8.4
<i>Cyclopecten</i> sp. a	1	0.9
<i>Thyasira ferruginea</i>	65	60.8
<i>Kelliella atlantica</i>	9	8.4
<i>Verticordia triangularis</i>	1	0.9
Sta. 141, 2,131 m, 10°30.0'N, 17°51.5'W		
<i>Nuculoidea bushae</i>	3	3.7
<i>Nuculoma perforata</i>	38	46.3
<i>Brevinucula verrilli</i>	1	1.2
<i>Tindaria hessleri</i>	3	3.7
<i>Ledella pustulosa hampsoni</i>	2	2.4
<i>Yoldiella bilanta</i>	2	2.4
<i>Malletia johnsoni</i>	7	8.5
<i>Thyasira ferruginea</i>	20	24.4
<i>Kelliella atlantica</i>	8	9.8
Sta. 139, 2,187 m, 10°33.0'N, 17°53.0'W		
<i>Nuculoma perforata</i>	21	72.4
<i>Brevinucula verrilli</i>	3	10.3
<i>Tindaria hessleri</i>	1	3.5
<i>Yoldiella americana</i>	1	3.5
<i>Yoldiella pseudolata</i>	1	3.5
<i>Bathyarca inaequisculpta</i>	2	6.9
Sta. 145, 2,192 m, 10°36.0'N, 17°49'W		
<i>Microgloma yongei</i>	19	8.5
<i>Nuculoma perforata</i>	25	11.2
<i>Brevinucula verrilli</i>	10	4.5
<i>Tindaria hessleri</i>	1	0.5
<i>Ledella pustulosa hampsoni</i>	1	0.5
<i>Spinula hilleri</i>	1	0.5
<i>Yoldiella curta</i>	1	0.5
<i>Yoldiella inconspicua africana</i>	29	13.0
<i>Yoldiella veletta</i>	1	0.5
<i>Portlandia lenticula</i>	1	0.5
<i>Pectinidae</i> sp. e	1	0.5
<i>Malletia johnsoni</i>	30	13.5
<i>Bathyarca inaequisculpta</i>	9	4.0
<i>Thyasira croulinensis</i>	30	13.5
<i>Thyasira equalis</i>	2	0.9
<i>Thyasira ferruginea</i>	2	0.9
<i>Thyasira subovata subovata</i>	13	5.8
<i>Thyasira tortuosa</i>	3	1.4
<i>Thyasira ultima</i>	38	17.0

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Policordia atlantica</i>	3	1.4
<i>Cuspidaria parva</i>	1	0.5
Sta. 144, 2,357 m, 10°36.0'N, 17°49.0'W		
<i>Nuculoma perforata</i>	39	17.0
<i>Brevinucula verrilli</i>	9	3.9
<i>Tindaria hessleri</i>	7	3.1
<i>Ledella pustulosa hampsoni</i>	3	1.3
<i>Yoldiella bilanta</i>	22	9.6
<i>Malletia johnsoni</i>	3	1.3
<i>Malletia pallida</i>	29	12.7
<i>Dacrydium ockelmanni</i>	2	0.9
<i>Parvamussium</i> sp. a	1	0.4
<i>Cyclopecten</i> sp. a	2	0.9
<i>Thyasira allenii</i>	1	0.4
<i>Thyasira croulinensis</i>	1	0.4
<i>Thyasira eumyaria</i>	4	1.8
<i>Thyasira ferruginea</i>	20	8.7
<i>Thyasira obsoleta</i>	2	0.9
<i>Thyasira subcircularis</i>	1	0.4
<i>Thyasira tortuosa</i>	1	0.4
<i>Thyasira ultima</i>	9	3.9
<i>Kelliella atlantica</i>	40	17.5
<i>Cochlodesma tenerum</i>	1	0.4
<i>Verticordia quadrata</i>	2	0.9
<i>Verticordia</i> sp.	1	0.4
<i>Protocuspidaria verityi</i>	1	0.4
<i>Cuspidaria parva</i>	7	3.1
<i>Luzonia simplex</i>	9	3.9
Sta. 146, 2,891 m, 10°39.5'N, 17°44.5'W		
<i>Brevinucula verrilli</i>	4	16.7
<i>Neilonella whoii</i>	2	8.3
<i>Nuculana vestita</i>	1	4.2
<i>Ledella ultima</i>	5	20.8
<i>Malletia johnsoni</i>	2	8.3
<i>Malletia pallida</i>	6	25.0
<i>Bathyarca inaequisculpta</i>	1	4.2
<i>Thyasira ferruginea</i>	1	4.2
<i>Kelliella abyssicola</i>	1	4.2
<i>Incerte cedis</i> sp. 146	1	4.2
Sta. 147, 2,934 m, 10°38.0'N, 17°52.0'W		
<i>Brevinucula verrilli</i>	51	18.8
<i>Neilonella salicensis</i>	16	5.9
<i>Neilonella whoii</i>	4	1.5
<i>Ledella sublevis</i>	27	9.9
<i>Ledella lusitanensis</i>	18	6.6
<i>Ledella ultima</i>	29	10.7
<i>Spinula filatovae</i>	1	0.4
<i>Nuculana vestita</i>	2	0.7
<i>Yoldiella inconspicua africana</i>	5	1.8
<i>Malletia johnsoni</i>	38	14.0

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Malletia pallida</i>	22	8.1
<i>Bathyarca inaequisculpta</i>	5	1.8
<i>Dacrydium ockelmanni</i>	9	3.3
<i>Parvamussium</i> sp. a	1	0.4
<i>Thyasira croulinensis</i>	6	2.2
<i>Thyasira equalis</i>	10	3.7
<i>Thyasira ferruginea</i>	14	5.2
<i>Axinus grandis</i>	1	0.4
<i>Kelliella abyssicola</i>	1	0.4
<i>Rhinoclama halimera</i>	3	1.1
<i>Incerte cedis</i> sp. 1b	4	1.5
Sta. 148, 3,828 m, 10°37.0'N, 18°14.0'W		
<i>Nuculoidea bushae</i>	1	0.4
<i>Brevinucula verrilli</i>	2	0.9
<i>Neilonella whoii</i>	4	1.7
<i>Pseudotindaria erebus</i>	2	0.9
<i>Ledella ultima</i>	199	86.5
<i>Portlandia abyssorum</i>	1	0.4
<i>Yoldiella ella</i>	1	0.4
<i>Malletia abyssorum</i>	2	0.9
<i>Bathyarca inaequisculpta</i>	1	0.4
<i>Limopsis galathea</i>	1	0.4
<i>Limopsis tenella</i>	10	4.4
<i>Dacrydium abyssorum</i>	1	0.4
<i>Mysella</i> sp. 1	4	1.7
<i>Cuspidaria barnardi</i>	1	0.4
Sta. 149, 3,861 m 10°30.0'N, 18°18.0'W		
<i>Nuculoidea bushae</i>	2	1.9
<i>Brevinucula verrilli</i>	7	6.6
<i>Neilonella whoii</i>	1	0.9
<i>Pseudotindaria erebus</i>	12	11.3
<i>Portlandia abyssorum</i>	3	2.8
<i>Yoldiella ella</i>	25	23.6
<i>Yoldiella jeffreysi</i>	1	0.9
<i>Silicula filatovae</i>	1	0.9
<i>Malletia abyssorum</i>	13	12.3
<i>Limopsis tenella</i>	22	20.8
<i>Dacrydium abyssorum</i>	13	12.3
<i>Cyclopecten</i> sp. a	1	0.9
<i>Thyasira croulinensis</i>	2	1.9
<i>Cuspidaria</i> sp.	1	0.9
<i>Verticordia quadrata</i>	2	1.9
GUINEA BASIN		
Sta. Walda DS28, 1,261 m, 04°21.2'N, 04°35.2'E		
<i>Nuculoidea bushae</i>	37	33.3
<i>Tindaria callistiformis</i>	2	1.8
<i>Neilonella whoii</i>	3	2.7
<i>Ledella acinula</i>	1	0.9

(continues)

(continued)

Sample	No. of Individuals	Occurrence in %
<i>Spinula filatovae</i>	49	44.1
<i>Spinula subexisa</i>	7	6.3
<i>Malletia pallida</i>	5	4.5
<i>Thyasira brevis</i>	3	2.7
<i>Thyasira eumyaria</i>	1	0.9
<i>Thyasira ultima</i>	1	0.9
<i>Rhinoclama</i> sp.	2	1.8
Sta. Walda DS27, 1,376 m, 03°30.7'N, 05°31.8'E		
<i>Spinula filatovae</i>	1	16.7
<i>Portlandia lenticula</i>	2	33.3
<i>Thyasira brevis</i>	1	16.7
<i>Thyasira ultima</i>	2	33.3
Sta. Walda DS26, 1,890 m, 03°05.1'N, 07°52.1'E		
<i>Yoldiella bilanta</i>	2	100.0
Sta. Walda DS19, 2,243 m, 03°48.0'S, 09°17.7'E		
<i>Thyasira equalis</i>	1	100.0
Sta. Walda DS25, 2,470 m, 02°19.8'N, 07°49.2'E		
<i>Brevinucula verrilli</i>	60	47.6
<i>Neilonella salicensis</i>	31	24.6
<i>Ledella sublevis</i>	34	30.0
<i>Thyasira brevis</i>	1	0.8
Sta. Walda DS20, 2,514 m, 02°32.0'S, 08°18.1'E		
<i>Deminucula atacellana</i>	1	4.4
<i>Brevinucula verrilli</i>	6	26.1
<i>Neilonella salicensis</i>	4	17.4
<i>Ledella sublevis</i>	1	4.4
<i>Ledella ultima</i>	1	4.4
<i>Yoldiella artipica</i>	3	13.0
<i>Yoldiella inconspicua africana</i>	5	21.7
<i>Abra longicallis</i>	2	8.7
Sta. Walda DS22, 3,025 m, 00°35.6'S, 06°49.4'E		
<i>Brevinucula verrilli</i>	5	45.5
<i>Limopsis tenella</i>	3	27.3
<i>Thyasira brevis</i>	1	9.1
<i>Verticordia subquadrata</i>	1	9.1
<i>Myonera</i> sp.	1	9.1
Sta. Walda DS30, 3,109 m, 04°04.1'N, 03°42.0'E		
<i>Brevinucula verrilli</i>	22	56.4
<i>Tindaria miniscula</i>	3	7.7
<i>Pseudotindaria erebus</i>	4	10.3
<i>Yoldiella fabula</i>	3	7.7
<i>Malletia cuneata</i>	7	18.0

(continues)

(continued)

Sample	No. of Individuals	Occurrence in %
Sta. Walda DS23, 3,138 m, 00°15.3'S, 05°47.8'E		
<i>Brevinucula verrilli</i>	1	20.0
<i>Yoldiella fabula</i>	1	20.0
<i>Bentharca asperula</i>	2	40.0
<i>Cuspidaria ventricosa</i>	1	20.0
Sta. Walda DS29, 3,147 m, 02°57.0'N, 04°28.1'E		
<i>Deminucula atacellana</i>	2	28.6
<i>Brevinucula verrilli</i>	2	28.6
<i>Yoldiella fabula</i>	1	14.3
<i>Yoldiella subcircularis</i>	2	28.6
Sta. Walda DS21, 4,019 m, 02°38.2'S, 05°40.0'E		
<i>Limopsis tenella</i>	1	100.0
Sta. Walda DS31, 4,279 m, 03°17.5'N, 02°01.7'E		
<i>Ledella galathea</i>	1	2.1
<i>Ledella ultima</i>	43	91.5
<i>Yoldiella ella</i>	1	2.1
<i>Limopsis galathea</i>	2	4.3
ANGOLA BASIN		
Sta. 203, 542 m, 08°46.0'S, 12°47.0'E		
<i>Nuculoidea bushae</i>	2	0.04
<i>Nuculoma perforata</i>	22	0.4
<i>Neilonella salicensis</i>	21	0.4
<i>Nuculana vestita</i>	742	14.8
<i>Propeleda paucistriata</i>	39	0.8
<i>Portlandia minuta</i>	1352	27.0
<i>Cyclopecten</i> sp. a	2	0.04
<i>Thyasira alleni</i>	335	6.7
<i>Thyasira bushae</i>	737	14.7
<i>Thyasira carrozae</i>	236	4.7
<i>Thyasira croulinensis</i>	1	0.02
<i>Thyasira equalis</i>	3	0.06
<i>Thyasira obsolete</i>	10	0.2
<i>Thyasira subovata minuta</i>	86	1.7
<i>Thyasira succisa atlantica</i>	92	1.8
<i>Thyasira transversa</i>	2	0.04
<i>Thyasira</i> sp. 3	5	0.1
<i>Thyasira</i> sp. 28	121	2.4
<i>Thyasira</i> sp. 34	200	4.0
<i>Montacuta ovata</i>	1	0.02
<i>Mysella verrilli</i>	3	0.06
<i>Mysella</i> sp. 1	33	0.7
<i>Epilepton</i> sp. 21	1	0.02
Tellinidae sp. c	56	1.1
Tellinidae sp. x	3	0.06
<i>Kelliella atlantica</i>	69	1.4

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Policordia atlantica</i>	15	0.3
<i>Tropidomya diagonalis</i>	2	0.04
<i>Luzonia simplex</i>	782	15.6
<i>Incerte cedis</i> sp. 203 a	1	0.02
<i>Incerte cedis</i> sp. 203 b	39	0.8
Sta. Walda DS07, 1,227 m, 19°57.0'S, 11°02.0'E		
<i>Tindaria callistiformis</i>	1	16.7
<i>Limatula smithi</i>	1	16.7
<i>Limopsis cristata</i> agg.	1	16.7
<i>Lucinoma filosa</i>	1	16.7
<i>Thyasira excavata plicata</i>	1	16.7
<i>Thyasira</i> sp.	1	16.7
Sta. Walda DS10, 1,432 m, 18°40.0'S, 10°56.3'E		
<i>Neilonella sequenza</i>	1	0.5
<i>Neilonella whoii</i>	47	21.5
<i>Yoldiella capensis</i>	3	1.4
<i>Yoldiella curta</i>	1	0.5
<i>Limopsis cristata lanceolata</i>	2	0.9
<i>Lucinoma filosa</i>	1	0.5
<i>Thyasira alleni</i>	6	2.7
<i>Thyasira carrozae</i>	44	20.1
<i>Thyasira equalis</i>	14	6.4
<i>Thyasira subcircularis</i>	2	0.9
<i>Thyasira subovata subovata</i>	28	12.8
<i>Thyasira tortuosa</i>	68	31.1
<i>Thyasira transversa</i>	2	0.9
Sta. Walda DS14, 1,537 m, 11°57.6'S, 12°54.3'E		
<i>Limopsis cristata lanceolata</i>	1	100.0
Sta. 202, 1,643 m, 09°05.0'S, 12°17.0'E		
<i>Pristigloma nitens</i>	1	0.3
<i>Microgloma turnerae</i>	1	0.3
<i>Deminucula atacellana</i>	2	0.6
<i>Nuculoma granulose</i>	2	0.6
<i>Neilonella salicensis</i>	1	0.3
<i>Ledella pustulosa hampsoni</i>	1	0.4
<i>Ledella</i> sp.	2	0.6
<i>Spinula filatovae</i>	41	11.3
<i>Spinula hilleri</i>	1	0.3
<i>Yoldiella artipica</i>	2	0.6
<i>Yoldiella hanna</i>	1	0.3
<i>Portlandia lenticula</i>	1	0.3
<i>Dacrydium abyssorum</i>	1	0.3
Pectinidae sp. d	1	0.3
<i>Cyclopecten ambiannulatus</i>	1	0.3
<i>Thyasira brevis</i>	9	2.5
<i>Thyasira croulinensis</i>	1	0.3

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Thyasira ferruginea</i>	11	3.0
<i>Thyasira inflata</i>	1	0.3
<i>Thyasira subequatoria</i>	5	1.4
<i>Thyasira succisa atlantica</i>	114	31.3
<i>Thyasira tortuosa</i>	14	3.9
<i>Thyasira transversa</i>	10	2.8
<i>Thyasira ultima</i>	46	12.6
<i>Thyasira</i> sp. 15	8	2.2
<i>Thyasira</i> sp. 202	8	2.2
<i>Epilepton</i> sp. 21	1	0.3
<i>Mysella</i> sp. 2	22	6.0
<i>Mysella</i> sp. 3	1	0.3
<i>Kelliella atlantica</i>	34	9.3
<i>Abra profundorum</i>	1	0.3
<i>Thracia</i> sp. 3	1	0.3
<i>Cuspidaria</i> sp. 202	1	0.3
<i>Myonera</i> sp.	2	0.06
<i>Lyonsiella</i> sp.	2	0.6
<i>Incerte cedis</i> sp. 1	1	0.3
<i>Incerte cedis</i> sp. 2	1	0.3
<i>Incerte cedis</i> sp. 3	1	0.3
<i>Incerte cedis</i> sp. 4	8	2.2
Sta. Walda DS16, 1,787 m, 10°31.0'S, 11°57.8'E		
<i>Yoldiella inconspicua Africana</i>	2	20.0
<i>Yoldiella similes</i>	4	40.0
<i>Thyasira brevis</i>	2	20.0
<i>Thyasira eumyaria</i>	1	10.0
<i>Thyasira obsolete</i>	1	10.0
Sta. 201, 2,031 m, 09°29.0'S, 11°34.0'E		
<i>Solemya</i> sp. 259	2	0.3
<i>Microgloma yongei</i>	18	2.7
<i>Deminucula atacellana</i>	2	0.3
<i>Nuculoidea bushae</i>	8	1.2
<i>Neilonella salicensis</i>	41	6.2
<i>Ledella ultima</i>	1	0.2
<i>Nuculana vestita</i>	1	0.2
<i>Yoldiella inconspicua Africana</i>	109	16.5
<i>Silicula fragilis</i>	6	0.9
<i>Malletia johnsoni</i>	8	1.2
<i>Bathyarca inaequisculpta</i>	39	5.9
<i>Thyasira carrozae</i>	1	0.2
<i>Thyasira croulinensis</i>	24	3.6
<i>Thyasira ferruginea</i>	3	0.5
<i>Thyasira obsolete</i>	11	1.7
<i>Thyasira ultima</i>	3	0.5
<i>Thyasira</i> sp. 17	3	0.5
<i>Epilepton</i> sp. 21	2	0.3
<i>Abra profundorum</i>	5	0.8
<i>Kelliella atlantica</i>	251	37.9

(continues)

(continued)

Sample	No. of Individuals	Occurrence in %
<i>Protocuspidaria verityi</i>	1	0.2
<i>Cuspidaria parva</i>	16	2.4
<i>Luzonia simplex</i>	7	1.1
Sta. Walda DS06, 2,745 m, 22°50.2'S, 11°57.9'E		
<i>Malletia johnsoni</i>	5	71.4
<i>Thyasira brevis</i>	2	28.6
Sta. 200, 2,754 m, 09°41.0'S, 10°55.0'E		
<i>Microgloma yongei</i>	90	19.3
<i>Nuculoidea bushae</i>	2	0.4
<i>Neilonella whoii</i>	8	1.7
<i>Pseudotindaria erebus</i>	36	7.7
<i>Ledella sublaevis</i>	7	1.5
<i>Ledella ultima</i>	24	5.1
<i>Yoldiella artipica</i>	25	5.4
<i>Malletia johnsoni</i>	1	0.2
<i>Malletia pallida</i>	5	1.1
<i>Bathyarca inaequisculpta</i>	15	3.2
<i>Limopsis galathea</i>	40	8.6
Lucinidae sp.	29	6.2
<i>Thyasira brevis</i>	1	0.2
<i>Thyasira croulinensis</i>	28	6.0
<i>Thyasira equalis</i>	2	0.5
<i>Thyasira ferruginea</i>	3	0.6
<i>Thyasira transversa</i>	13	2.8
<i>Thyasira</i> sp. 15	1	0.2
<i>Thyasira</i> sp. (indet. crushed)	5	1.1
<i>Epilepton</i> sp. 21	8	1.7
<i>Abra profundorum</i>	5	1.1
<i>Kelliella atlantica</i>	112	24
<i>Verticordia triangularis</i>	4	0.9
<i>Cuspidaria</i> sp. 519	1	0.2
<i>Halonympha atlanta</i>	1	0.2
<i>Policordia</i> sp.	1	0.2
Sta. Walda DS05, 2,992 m, 21°45.0'S, 11°07.8'E		
<i>Silicula filatovae</i>	6	4.0
<i>Yoldiella curta</i>	5	3.3
<i>Thyasira brevis</i>	3	2.0
<i>Thyasira ferruginea</i>	138	90.8
Sta. Walda DS15, 3,367 m, 12°27.2'S, 11°01.5'E		
<i>Pseudotindaria erebus</i>	1	25.0
<i>Yoldiella</i> sp.	1	25.0
<i>Thyasira brevis</i>	1	25.0
<i>Cuspidaria</i> sp.	1	25.0
Sta. 199, 3,779 m, 09°47.0'S, 10°29.0'E		
<i>Neilonella whoii</i>	3	3.7

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(continued)

Sample	No. of Individuals	Occurrence in %
<i>Ledella ultima</i>	59	72
<i>Yoldiella curta</i>	2	2.4
<i>Yoldiella ella</i>	2	2.4
<i>Malletia pallida</i>	11	13.4
<i>Thyasira</i> sp. 15	3	3.7
<i>Cuspidaria</i> sp.	2	2.4
Sta. 195, 3,797 m, 14°49.0'S, 09°56.0'E		
<i>Solemya</i> sp. 195	10	1.1
<i>Pristigloma alba</i>	8	0.9
<i>Pristigloma nitens</i>	9	1.0
<i>Nuculoidea bushae</i>	20	2.1
<i>Neilonella whoii</i>	46	4.9
<i>Pseudotindaria erebus</i>	148	15.6
<i>Ledella ultima</i>	355	37.5
<i>Spinula hilleri</i>	98	10.4
<i>Yoldiella bilanta</i>	43	4.7
<i>Yoldiella fibula</i>	7	0.7
<i>Portlandia abyssorum</i>	48	5.1
<i>Malletia pallida</i>	58	6.1
<i>Bathyarca inaequisculpta</i>	40	4.2
<i>Limopsis tenella</i>	41	4.3
<i>Cyclopecten</i> sp. a	5	0.5
<i>Thyasira subequatoria</i>	8	0.9
<i>Verticordia quadrata</i>	1	0.1
Sta. Walda DS13, 3,985 m, 14°21.5'S, 09°46.2'E		
<i>Pseudotindaria erebus</i>	8	3.5
<i>Malletia johnsoni</i>	192	85
<i>Limopsis tenella</i>	14	6.2
<i>Dacrydium angulare</i>	10	4.4
<i>Thyasira brevis</i>	1	0.4
<i>Lyonsiella freilei</i>	1	0.4
Sta. Walda DS18, 4,079 m, 06°37.4'S, 08°18.2'E		
<i>Bentharca asperula</i>	1	50.0
<i>Limopsis tenella</i>	1	50.0
Sta. Walda DS04, 4,180 m, 21°59.1'S, 09°01.5'E		
<i>Yoldiella capensis</i>	1	50.0
<i>Yoldiella hanna</i>	1	50.0
Sta. Walda DS17, 4,223 m, 09°12.0'S, 10°29.0'E		
<i>Bentharca asperula</i>	4	80.0
<i>Limopsis tenella</i>	1	20.0
Sta. Walda DS12, 4,308 m, 17°32.8'S, 09°28.7'E		
<i>Tindaria miniscula</i>	5	100.0

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Sample	No. of Individuals	Occurrence in %
Sta. 198 4,566 m, 10°29.0'S, 09°04.0'E		
<i>Pristigloma alba</i>	7	0.9
<i>Pristigloma nitens</i>	5	0.6
<i>Nuculoidea bushae</i>	16	2.0
<i>Tindaria miniscula</i>	7	0.9
<i>Neilonella whoii</i>	20	2.5
<i>Ledella ultima</i>	599	74.5
<i>Spinula hilleri</i>	3	0.4
<i>Spinula</i> sp.	3	0.4
<i>Yoldiella ella</i>	4	0.5
<i>Yoldiella fibula</i>	10	1.2
<i>Yoldiella similes</i>	12	1.5
<i>Silicula filatovae</i>	13	1.6
<i>Malletia pallida</i>	7	0.9
<i>Bentharca asperula</i>	4	0.5
<i>Bathyarca inaequisculpta</i>	20	2.5
<i>Limopsis galathea</i>	36	4.5
<i>Limatula smithi</i>	1	0.1
<i>Parvamussium</i> sp. a	1	0.1
<i>Thyasira brevis</i>	8	1.0
<i>Thyasira inflata</i>	16	2.0
<i>Thyasira transversa</i>	6	0.8
<i>Abra profundorum</i>	1	0.1
<i>Kelliella atlantica</i>	2	0.3
<i>Rhinoclama</i> sp.	2	0.3
<i>Poromya</i> sp. 256	1	0.1
Sta. 197, 4,596 m, 10°29.0'S, 09°04'E		
<i>Pristigloma alba</i>	1	0.08
<i>Pristigloma nitens</i>	3	0.3
<i>Nuculoidea bushae</i>	34	3.0
<i>Tindaria callistiformis</i>	4	0.3
<i>Tindaria miniscula</i>	27	2.4
<i>Neilonella whoii</i>	25	2.2
<i>Prelametila</i> sp. 247	2	0.2
<i>Ledella ultima</i>	647	56.5
<i>Spinula hilleri</i>	9	0.8
<i>Yoldiella ella</i>	2	0.2
<i>Yoldiella fibula</i>	5	0.4
<i>Yoldiella jeffreysi</i>	35	3.1
<i>Yoldiella similes</i>	35	3.1
<i>Silicula filatovae</i>	25	2.2
<i>Malletia pallida</i>	3	0.3
<i>Bentharca asperula</i>	5	0.4
<i>Bathyarca inaequisculpta</i>	24	2.1
<i>Limopsis galathea</i>	157	13.7
<i>Limopsis tenella</i>	2	0.2
<i>Thyasira inflata</i>	43	3.8
<i>Thyasira pygmaea</i>	27	2.4
<i>Thyasira transversa</i>	21	1.8
<i>Abra profundorum</i>	2	0.2
<i>Kelliella atlantica</i>	7	0.6

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Sample	No. of Individuals	Occurrence in %
Sta. 196, 4,630 m, 10°29.0'S, 09°03.0'E		
<i>Pristigloma nitens</i>	2	1.4
<i>Deminucula atacellana</i>	6	4.2
<i>Nuculoidea bushae</i>	6	4.2
<i>Tindaria callistiformis</i>	1	0.7
<i>Tindaria miniscula</i>	2	1.4
<i>Ledella ultima</i>	80	56.3
<i>Spinula hilleri</i>	2	1.4
<i>Yoldiella fibula</i>	2	1.4
<i>Yoldiella similes</i>	1	0.7
<i>Portlandia abyssorum</i>	1	0.7
<i>Silicula filatovae</i>	1	0.7
<i>Bentharca asperula</i>	9	6.3
<i>Bathyarca inaequisculpta</i>	5	3.5
<i>Limopsis galathea</i>	22	15.5
<i>Incerte cedis</i> sp. 1 b	2	1.4
Sta. Walda DS03, 4,829 m, 20°03.8'S, 07°59.9'E		
<i>Limatula louiseae</i>	1	25
<i>Limopsis galathea</i>	2	50
<i>Incerte cedis</i>	1	25.0
Sta. Walvis DS07, 5,157 m, 26°59.7'S, 01°07.1'E		
<i>Ledella ultima</i>	18	43.9
<i>Yoldiella subcircularis</i>	20	48.8
<i>Malletia abyssorum</i>	1	2.4
<i>Dacrydium abyssorum</i>	2	4.9
Sta. Walvis DS09, 5,220 m, 26°59.9'S, 01°06.7'E		
<i>Ledella ultima</i>	4	6.7
<i>Yoldiella subcircularis</i>	15	25.0
<i>Limopsis galathea</i>	38	63.3
<i>Kelliella atlantica</i>	1	1.7
<i>Verticordia triangularis</i>	1	1.7
<i>Incerte cedis</i>	1	1.7
Sta. Walvis DS08, 5225 m, 26°59.9'S, 01°07.3'E		
<i>Ledella ultima</i>	1	25.0
<i>Yoldiella subcircularis</i>	3	75.0
CAPE BASIN		
Sta. 181, 220 m, 22°53.0'S, 13°31.0'E		
<i>Lucinoma filosa</i>	77	100.0
Sta. 186, 481 m, 22°57.0'S, 13°05.0'E		
<i>Nucinella pretiosa</i>	1	0.07
<i>Yoldiella hanna</i>	21	1.5
<i>Bathyarca pectunculoides</i>	2	0.1
<i>Limatula smithi</i>	1	0.07
<i>Cyclopecten</i> sp. a	30	2.1
<i>Thyasira alleni</i>	44	3.0

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Sample	No. of Individuals	Occurrence in %
<i>Thyasira carrozae</i>	184	12.7
<i>Thyasira subovata minuta</i>	133	9.2
<i>Thyasira transversa</i>	8	0.6
<i>Thyasira</i> sp. 186	3	0.2
<i>Mysella verrilli</i>	2	0.1
<i>Mysella</i> sp. 1	1	0.07
Tellinidae sp. c	174	12
Tellinidae sp. d	118	8.2
<i>Kelliella atlantica</i>	533	36.9
<i>Kelliella elongata</i>	35	2.4
<i>Thracia</i> sp. 2	1	0.07
<i>Myonera tillamookensis</i>	1	0.07
<i>Incerte cedis</i> sp. 1 a	1	0.07
<i>Incerte cedis</i> sp. 2	2	0.1
<i>Incerte cedis</i> sp. 186	1	0.07
<i>Incerte cedis</i> sp. 262	1	0.07
Sta. 188, 622 m, 23°00.0'S, 12°58.0'E		
<i>Nuculoma granulose</i>	9	0.06
<i>Tindaria</i> sp. 188	1	0.01
<i>Neilonella whoii</i>	1	0.01
<i>Ledella acinula</i>	1	0.01
<i>Ledella sandersi</i>	1	0.01
<i>Yoldiella bilanta</i>	1	0.01
<i>Yoldiella capensis</i>	74	0.5
<i>Yoldiella hanna</i>	9	0.06
<i>Portlandia minuta</i>	33	0.2
<i>Silicula filatovae</i>	1	0.01
<i>Bathyarca pectunculoides pellucida</i>	3	0.02
<i>Limopsis cristata</i> agg.	1	0.01
<i>Similipecten minor</i>	100	0.6
<i>Thyasira alleni</i>	876	5.5
<i>Thyasira carrozae</i>	8099	51.2
<i>Thyasira croulinensis</i>	392	2.5
<i>Thyasira equalis</i>	21	0.1
<i>Thyasira intermedius</i>	355	2.3
<i>Thyasira subovata minuta</i>	23	0.2
<i>Thyasira subovata subovata</i>	9	0.06
<i>Thyasira succisa atlantica</i>	20	0.1
<i>Thyasira tortuosa</i>	79	0.5
<i>Thyasira transversa</i>	3259	20.6
<i>Thyasira</i> sp. 28	9	0.06
<i>Thyasira</i> sp. 188 a	4	0.03
<i>Thyasira</i> sp. 188 b	11	0.07
Galeommatoidea sp.	21	0.1
<i>Mysella ovata</i>	4	0.03
<i>Mysella verrilli</i>	291	1.8
Tellinidae sp. b	8	0.05
Tellinidae sp. d	6	0.04
<i>Kelliella atlantica</i>	675	4.3
<i>Kelliella elongata</i>	666	4.2

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Sample	No. of Individuals	Occurrence in %
<i>Kelliella tenina</i>	29	0.2
<i>Lyonsiella</i> sp.	13	0.08
<i>Policordia densicostata</i>	87	0.6
<i>Policordia</i> sp.	5	0.03
<i>Laevicordia</i> sp.	3	0.02
<i>Rhinoclama abrupta</i>	340	2.2
<i>Luzonia simplex</i>	224	1.5
<i>Myonera tillamookensis</i>	5	0.03
<i>Protocuspidaria simplex</i>	1	0.01
<i>Incerte cedis</i> sp. 2	26	0.2
<i>Incerte cedis</i> sp. 188 a	5	0.03
<i>Incerte cedis</i> sp. 188 b	2	0.01
<i>Incerte cedis</i> sp. 188 c	5	0.03
Sta. 189, 1,014 m, 23°00.0'S, 12°45.0'E		
<i>Neilonella salicensis</i>	138	2.4
<i>Yoldiella capensis</i>	918	15.7
<i>Yoldiella curta</i>	196	3.4
<i>Limopsis cristata lanceolata</i>	275	4.7
<i>Limatula smithi</i>	55	0.9
<i>Cyclopecten</i> sp. a	50	0.9
<i>Lucinoma filosa</i>	7	0.1
<i>Thyasira alleni</i>	250	4.3
<i>Thyasira carrozae</i>	1810	31.0
<i>Thyasira croulinensis</i>	2	0.03
<i>Thyasira subovata subovata</i>	40	0.7
<i>Thyasira tortuosa</i>	20	0.3
<i>Thyasira transversa</i>	362	6.2
<i>Mysella</i> sp. 1	2	0.03
<i>Kelliella elongata</i>	184	3.1
<i>Kelliella tenina</i>	48	0.8
Veneridae sp. h	8	0.1
<i>Policordia densicostata</i>	1	0.02
<i>Halicardia flexuosa</i>	1s	0.02
<i>Cuspidaria atlantica</i>	23	0.4
<i>Rhinoclama abrupta</i>	1	0.02
<i>Luzonia simplex</i>	1	0.02
<i>Incerte cedis</i> sp. 189	1464	25.1
Sta. 191, 1,559 m, 23°S, 12°31.5'E		
<i>Neilonella salicensis</i>	52	2.5
<i>Ledella sandersi</i>	14	0.7
<i>Yoldiella bilanta</i>	1025	49.3
<i>Yoldiella curta</i>	2	0.1
<i>Limopsis cristata lanceolata</i>	2	0.1
<i>Limatula smithi</i>	13	0.6
<i>Cyclopecten</i> sp. a	20	1.0
<i>Lucinoma filosa</i>	8	0.4
<i>Thyasira alleni</i>	65	3.1
<i>Thyasira carrozae</i>	174	8.4
<i>Thyasira croulinensis</i>	48	2.3
<i>Thyasira eumyaria</i>	1	0.05

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Sample	No. of Individuals	Occurrence in %
<i>Thyasira ferruginea</i>	144	6.9
<i>Thyasira subovata subovata</i>	29	1.4
<i>Thyasira succisa atlantica</i>	30	1.5
<i>Thyasira tortuosa</i>	40	1.9
<i>Thyasira transversa</i>	68	3.2
Leptonidae sp. w	36	1.7
<i>Kelliella atlantica</i>	2	0.1
Veneridae sp. h	8	0.4
<i>Thracia</i> sp. 3	8	0.4
<i>Policordia densicostata</i>	2	0.1
<i>Policordia gemma</i>	2	0.1
<i>Policordia insoleta</i>	1	0.05
<i>Cuspidaria atlantica</i>	10	0.5
<i>Luzonia simplex</i>	240	11.6
<i>Incerte cedis</i> sp. 262	34	1.7
Sta. 192, 2,154 m, 23°02.0'S, 12°19.0'E		
<i>Ledella sandersi</i>	2	0.1
<i>Yoldiella bilanta</i>	1697	81.2
<i>Yoldiella inconspicua africana</i>	55	2.6
<i>Malletia johnsoni</i>	3	0.1
<i>Bathypecten</i> sp. e	20	1.0
<i>Lucinoma filosa</i>	1	0.05
<i>Thyasira biscayensis</i>	1	0.05
<i>Thyasira croulinensis</i>	22	1.1
<i>Thyasira equalis</i>	3	0.1
<i>Thyasira ferruginea</i>	214	10.5
<i>Thyasira subovata subovata</i>	5	0.2
<i>Thyasira tortuosa</i>	1	0.05
<i>Thyasira transversa</i>	27	1.3
Veneridae sp. h	15	0.7
<i>Cuspidaria atlantica</i>	1	0.05
<i>Luzonia simplex</i>	19	0.9
Sta. 194, 2,864 m, 22°54.0'S, 11°55.0'E		
<i>Pristigloma nitens</i>	3	0.4
<i>Phaseolus</i> sp. a	14	2.0
<i>Ledella sandersi</i>	1	0.1
<i>Yoldiella bilanta</i>	2	0.3
<i>Yoldiella curta</i>	2	0.3
<i>Yoldiella inconspicua africana</i>	51	7.1
<i>Malletia johnsoni</i>	2	0.3
<i>Bentharca asperula</i>	22	3.1
<i>Limopsis tenella</i>	12	1.7
<i>Bathypecten</i> sp. e	10	1.4
<i>Thyasira brevis</i>	99	13.9
<i>Thyasira ferruginea</i>	452	63.3
<i>Thyasira succisa atlantica</i>	23	3.3
<i>Kelliella atlantica</i>	21	2.9

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Sample	No. of Individuals	Occurrence in %
Sta. Walvis DS05, 4,560 m, 33°20.5'S, 02°34.9'E		
<i>Ledella aberrata</i>	2	1.7
<i>Ledella ultima</i>	34	28.8
<i>Portlandia abyssorum</i>	1	0.9
<i>Yoldiella subcircularis</i>	3	2.5
<i>Malletia abyssorum</i>	9	7.6
<i>Limopsis galathea</i>	2	1.7
<i>Dacrydium abyssorum</i>	40	33
<i>Dacrydium</i> sp.	2	1.7
<i>Thyasira inflata</i>	2	1.7
<i>Thyasira</i> sp.	2	1.7
<i>Kelliella atlantica</i>	1	0.9
<i>Verticordia quadrata</i>	1	0.9
<i>Myonera atlantica</i>	18	15.3
<i>Incerte cedis</i>	1	0.9
Sta. Walvis DS06, 4,585 m, 33°24.5'S, 02°32.9'E		
<i>Pristigloma alba</i>	1	0.9
<i>Tindaria hessleri</i>	1	0.9
<i>Ledella ultima</i>	22	19.3
<i>Yoldiella jeffreysi</i>	1	0.9
<i>Yoldiella subcircularis</i>	7	6.1
<i>Malletia abyssorum</i>	13	11.3
<i>Bathyarca</i> sp.	3	2.6
<i>Bentharca asperula</i>	2	1.7
<i>Dacrydium abyssorum</i>	43	37.7
<i>Thyasira inflata</i>	5	4.4
<i>Kelliella atlantica</i>	1	0.9
<i>Myonera atlantica</i>	3	2.6
<i>Incerte cedis</i> sp. 1	1	0.9
<i>Incerte cedis</i> sp. 2	1	0.9
Sta. Walvis DS03, 4,657 m, 33°23.2'S, 02°40.3'E		
<i>Ledella ultima</i>	1	100.0
Sta. Walvis DS01, 5,240 m, 33°53.9'S, 05°05.9'E		
<i>Ledella ultima</i>	2	33.3
<i>Limatula louiseae</i>	1	16.7
<i>Kelliella atlantica</i>	2	33.3
<i>Incerte cedis</i>	1	16.7
Sta. Walvis DS02, 5,280 m, 33°54.7'S, 05°07.3'E		
<i>Ledella ultima</i>	23	59.0
<i>Spinula hilleri</i>	1	2.6
<i>Malletia abyssorum</i>	9	23.7
<i>Malletia pallida</i>	3	7.9
<i>Dacrydium abyssorum</i>	2	5.3